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FOUNDED 1866

January 14, 2008

VIA ELECTRONIC FILING

Ms. Marlene H. Dortch
Secretary, Federal Communications Commission
236 Massachusetts Avenue, N.E.
Suite 110
Washington, DC 20002

Re: Ex Parte Presentation

*Third Periodic Review of the Commission's Rules and Policies
Affecting the Conversion to Digital Television,
MB Docket No. 07-91*

Dear Ms. Dortch:

On Friday, January 11, 2008, Andy Bater of Tribune Broadcasting Company (“Tribune”) and the undersigned met with the following Commission personnel: Eloise Gore, Nazifa Sawez, Gordon Godfrey, Evan Baranoff, Shaun Maher and Kim Matthews.

The parties discussed the “unique technical challenge” definition and the appropriate build-out and filing requirements under the Third Periodic Report & Order for various Tribune stations, including KMYQ-DT, Seattle, Washington (which does not yet have a DTV construction permit), WTTK-DT, Kokomo, Indiana (a satellite station moving back to its analog channel at a new site) and KWGN-DT, Denver, Colorado (a top-mount, side-mount station with significant weather limitations on timing of construction). The parties also discussed Tribune’s interest in commencing digital operations for WGNO in New Orleans on its pre-transition channel 15 from WGNO’s new transmitter site as detailed in the attached technical statement. Since Tribune stations control channel 15 both pre-transition (WGNO) and post-transition (WNOL), the parties discussed alternative filing approaches to securing Commission consent as quickly as possible to allow WGNO to resume providing an over-the-air DTV broadcast service to the New Orleans market.

As required by the FCC’s rules, one copy of this letter and attachment are being filed electronically in the above-referenced dockct. Please direct any questions regarding this matter to the undersigned.

Sincerely,

Thomas P. Van Wazer

Attachments

Sidley Austin LLP is a limited liability partnership practicing in affiliation with other Sidley Austin partnerships

SIDLEY AUSTIN LLP
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Ms. Marlene H. Dortch

January 14, 2008

Page 2

cc: Eloise Gore (via e-mail)
Nazifa Sawez (via e-mail)
Gordon Godfrey (via e-mail)
Evan Baranoff (via e-mail)
Shaun Maher (via e-mail)
Kim Matthews (via c-mail)

TECHNICAL EXHIBIT
REQUEST FOR SPECIAL TEMPORARY
AUTHORITY
TELEVISION STATION WGNO-DT (STA)
NEW ORLEANS, LOUISIANA

January 8, 2008

CHANNEL 15 775 KW (MAX-DA) 286 M

TECHNICAL EXHIBIT
REQUEST FOR SPECIAL TEMPORARY AUTHORITY
TELEVISION STATION WGNO-DT (STA)
NEW ORLEANS, LOUISIANA
CHANNEL 15 775 KW (MAX-DA) 286 M

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Regarding Interference Analysis for WGNO-DT and
WNOL-DT

TECHNICAL EXHIBIT
REQUEST FOR SPECIAL TEMPORARY AUTHORITY
TELEVISION STATION WGNO-DT (STA)
NEW ORLEANS, LOUISIANA
CHANNEL 15 775 KW (MAX-DA) 286 M

Technical Statement

This Technical Statement was prepared on behalf of WGNO-DT, New Orleans, Louisiana (Channel 15) concerning a request for Special Temporary Authority (“STA”). The purpose of the instant request is to allow WGNO-DT return to the air after the destruction of its facility due to the natural disaster of Hurricane Katrina in August 2005.* The WGNO-DT STA facility transmitter site is to be shared with the analog and digital facilities of WDSU(TV)/-DT. A master antenna has been installed that will be employed by the pre-transition digital television operations of WGNO-DT and WDSU-DT (Channel 43) and the post-transition operations of WGNO-DT, WNOL-DT and WDSU-DT. The post-transition operations of WGNO-DT and WNOL-DT are the subject of the *Eighth Further Notice of Proposed Rules Making* in MB Docket No. 87-268, Released on August 6, 2007.[†]

The proposed WGNO-DT STA facility is to operate with the same facility as described in Appendix G of the *Eighth Further Notice of Proposed Rules Making* for Channel 15 in New Orleans, Louisiana. Operation will be on Channel 15 with a maximum effective radiated power of 775 kW and an antenna height above

* See *Seventh Report and Order and Eighth Further Notice of Proposed Rule Making*, In the Matter of Advanced Television Systems and their Impact Upon the Existing Television Broadcast Service, MB Docket No. 87-269, Released: August 6, 2007, FCC 07-138 at 156.

[†] *Id.* at 155-156 and Appendix G.

average terrain of 286 m. The specifications of the proposed WGNO-DT STA operation are outlined in the attached Appendix 3 (Figure 1). The proposed tower site was assigned FCC Antenna Structure Registration No. 1020862.

Figure 1 is a map depicting the predicted coverage contours for the proposed WGNO-DT STA facility. As shown in Figure 1, the predicted 48 dBu, f(50,90) contour fully encompasses the city limits of New Orleans, as required. The attached Appendix 1 contains the antenna manufacturer's pattern data for the proposed WGNO-DT STA antenna.[‡]

It is noted that the 41 dBu, f(50,90) noise limited contour of the proposed WGNO-DT STA facility is located within the predicted 41 dBu, f(50,90) noise limited contour of the former WGNO-DT digital construction permit facility (FCC File No. BPCDT-19990901AAE), with only de minimis contour extension.[§] Figure 2 is a map illustrating the predicted coverage contours for the proposed WGNO-DT STA operation and the WGNO-DT current and former construction permit facilities. Operation of the WGNO-DT STA facility with a maximum ERP of 775 kW will permit it to achieve coverage much closer to what was originally intended for WGNO-DT.

An interference analysis was conducted for the proposed WGNO-DT STA facility (assuming 775 kW maximum ERP) under the FCC Office of Engineering and Technology Bulletin No. 69 ("OET-69") methodology. The results of the analysis are included herein at Appendix 2. Based on the analysis, the proposed STA facility will cause less than 0.5% interference to any full service analog or digital facility. There is interference exceeding the normal FCC criteria with respect to two Class A stations, WBXN-CA (Channel 18) and WTNO-LP (Channel 22). These Class A stations are on

[‡] Also shown in Figure 1 is the predicted coverage for WGNO-DT assuming a maximum ERP of 50 kW.

[§] WGNO-DT was forced to modify its construction permit in June 2005 to specify its then operating STA facility in order to comply with the FCC 'use-it-or-lose-it' policy. Hurricane Katrina occurred just two months later. A maximum ERP of 50 kW would be permissible within the current construction permit facility with only de minimis contour extension. See Figure 2.

UHF ‘taboo’ related channels and the interference predicted to these Class A facilities is anomalous due to a feature of the FCC OET-69 processing software that results in predicted interference at locations within 1 km of the proposed transmitter site. The details of this anomaly are fully detailed in the attached Appendix 3, which is a statement concerning this matter filed in FCC MB Docket No. 07-91. The affected Class A stations, WBXN-CA and WTNO-LP, have both consented to the post-transition operation of Channel 15 as proposed herein with 775 kW maximum ERP.

There are other broadcast and non-broadcast facilities to be located in proximity to the proposed facility. No adverse electromagnetic impact is expected with respect to these facilities. However, the applicant recognizes its responsibility to correct objectionable electromagnetic interference problems that result from its proposed operation.

With respect to the potential for human exposure to radio frequency (RF) radiation, calculations prepared in accordance with FCC Bulletin OET-65 (Edition 97-01) indicate that the proposal will not result in human exposure to RF radiation at ground level in excess of FCC standards. Power density calculations were conducted at 2-m above ground based on the following conservative assumptions, with the following results:

Call Sign	Channel	Average ERP (kW)	Distance (m)	Relative Field Factor **	FCC Limit ^{††} (mW/cm ²)	Percentage of Limit
WGNO-DT	15	775	283	0.15	0.319	2.3%

As indicated above, the exposure to RF radiation at 2-m above ground level will not exceed 2.3% of the FCC limit for general population / uncontrolled exposure. Therefore, the proposal complies with the FCC limits for human exposure to RF radiation and it is

** This is a conservative estimate of the elevation pattern relative field toward the ground. See Appendix 1.

categorically excluded from environmental processing. The applicant shall reduce power or cease operation as necessary to protect persons having access to the tower or antenna from radio frequency radiation in excess of the FCC guidelines.

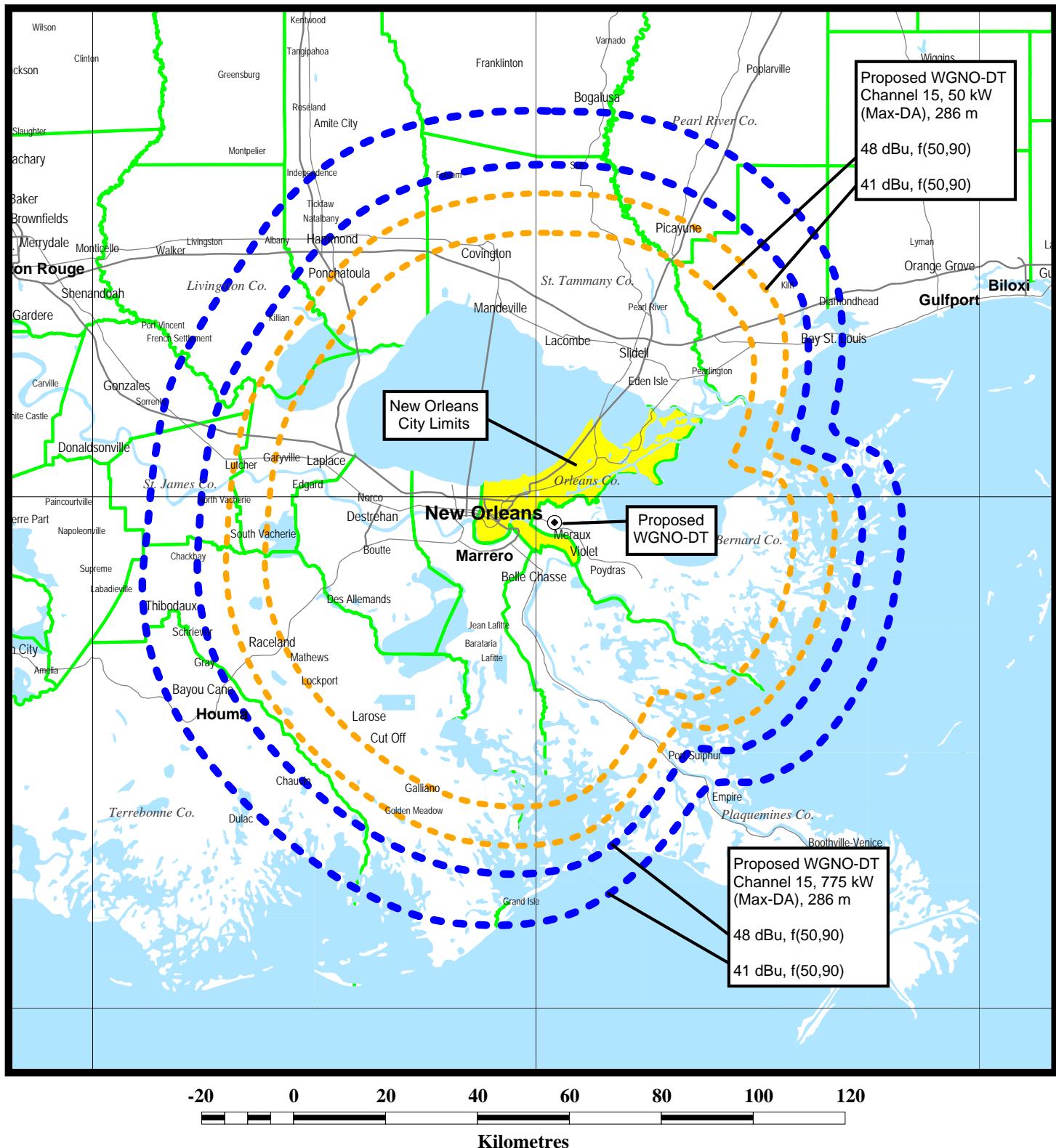


Louis Robert du Treil, Jr.

du Treil, Lundin & Rackley, Inc.
201 Fletcher Ave.
Sarasota, FL 34237-6019

January 8, 2008

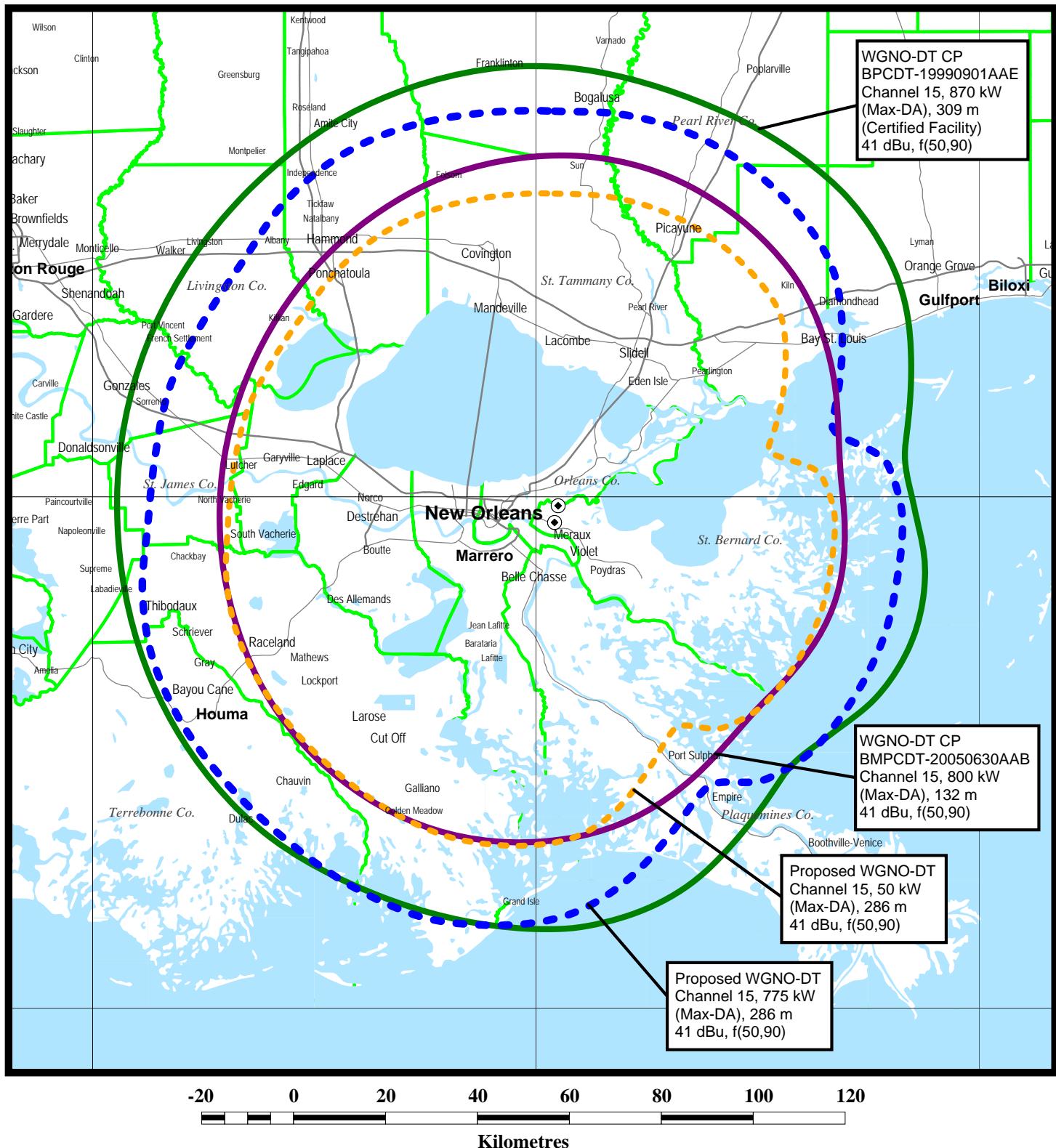
Figure 1



PREDICTED COVERAGE CONTOURS

duTreil, Lundin & Rackley, Inc. Sarasota, Florida

Figure 2



PREDICTED COVERAGE COMPARISON

duTreil, Lundin & Rackley, Inc. Sarasota, Florida

TECHNICAL EXHIBIT
REQUEST FOR SPECIAL TEMPORARY AUTHORITY
TELEVISION STATION WGNO-DT (STA)
NEW ORLEANS, LOUISIANA
CHANNEL 15 775 KW (MAX-DA) 286 M

Transmitting Antenna
Manufacturer's Antenna Data

(four pages follow)

Proposal Number

C-00956Revision: **1**

Date

9-May-07

Call Letters

WGNO

Channel

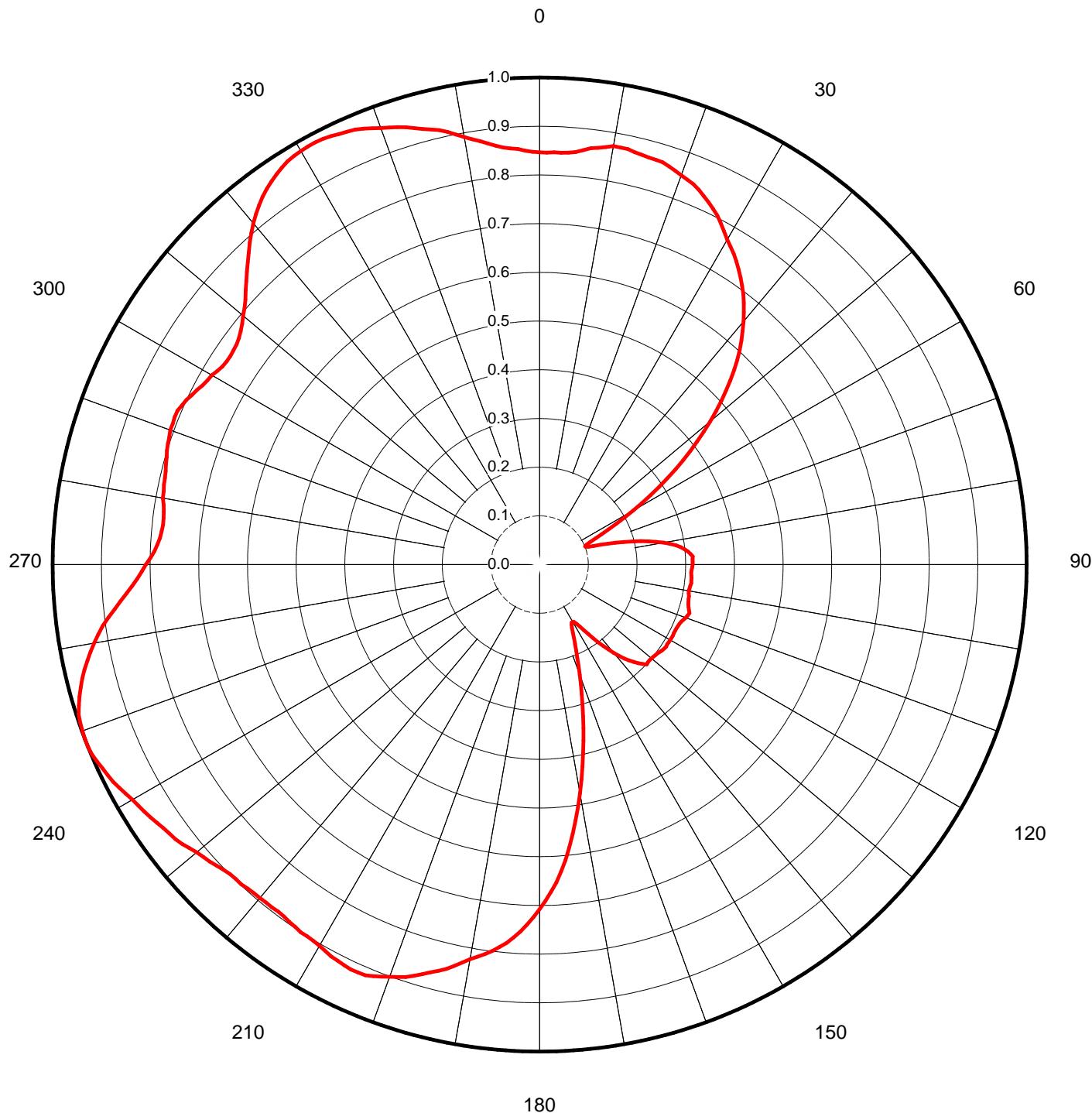
Location

New Orleans, LA

Customer

Hearst & Tribune

Antenna Type

TUF-C4SP-10/40U-1-T**AZIMUTH PATTERN**Gain **2.00**
Calculated / Measured
(3.01 dB)
CalculatedFrequency
Drawing #
479.00 MHz
TUF-C4SP-4790



Proposal Number **C-00956** Revision: **1**
Date **9-May-07**
Call Letters **WGNO** Channel **15**
Location **New Orleans, LA**
Customer **Hearst & Tribune**
Antenna Type **TUF-C4SP-10/40U-1-T**

TABULATION OF ELEVATION PATTERN

Elevation Pattern Drawing #: **10U190050-90**

Angle	Field										
-10.0	0.150	2.4	0.503	10.6	0.055	30.5	0.026	51.0	0.030	71.5	0.009
-9.5	0.126	2.6	0.418	10.8	0.065	31.0	0.044	51.5	0.036	72.0	0.009
-9.0	0.083	2.8	0.337	11.0	0.073	31.5	0.059	52.0	0.040	72.5	0.010
-8.5	0.033	3.0	0.261	11.5	0.079	32.0	0.067	52.5	0.042	73.0	0.009
-8.0	0.025	3.2	0.196	12.0	0.065	32.5	0.072	53.0	0.041	73.5	0.009
-7.5	0.052	3.4	0.150	12.5	0.044	33.0	0.072	53.5	0.038	74.0	0.008
-7.0	0.052	3.6	0.133	13.0	0.048	33.5	0.069	54.0	0.033	74.5	0.006
-6.5	0.021	3.8	0.144	13.5	0.079	34.0	0.064	54.5	0.027	75.0	0.004
-6.0	0.048	4.0	0.168	14.0	0.107	34.5	0.058	55.0	0.020	75.5	0.003
-5.5	0.134	4.2	0.194	14.5	0.121	35.0	0.051	55.5	0.014	76.0	0.001
-5.0	0.225	4.4	0.215	15.0	0.118	35.5	0.043	56.0	0.009	76.5	0.003
-4.5	0.297	4.6	0.229	15.5	0.098	36.0	0.033	56.5	0.008	77.0	0.005
-4.0	0.331	4.8	0.235	16.0	0.069	36.5	0.022	57.0	0.009	77.5	0.007
-3.5	0.308	5.0	0.232	16.5	0.039	37.0	0.014	57.5	0.010	78.0	0.009
-3.0	0.225	5.2	0.221	17.0	0.021	37.5	0.016	58.0	0.011	78.5	0.011
-2.8	0.179	5.4	0.204	17.5	0.024	38.0	0.023	58.5	0.010	79.0	0.013
-2.6	0.132	5.6	0.182	18.0	0.026	38.5	0.029	59.0	0.008	79.5	0.015
-2.4	0.106	5.8	0.156	18.5	0.019	39.0	0.031	59.5	0.006	80.0	0.017
-2.2	0.129	6.0	0.128	19.0	0.014	39.5	0.029	60.0	0.007	80.5	0.018
-2.0	0.193	6.2	0.102	19.5	0.034	40.0	0.024	60.5	0.011	81.0	0.020
-1.8	0.274	6.4	0.084	20.0	0.057	40.5	0.017	61.0	0.016	81.5	0.021
-1.6	0.363	6.6	0.079	20.5	0.075	41.0	0.014	61.5	0.021	82.0	0.022
-1.4	0.454	6.8	0.088	21.0	0.083	41.5	0.018	62.0	0.027	82.5	0.023
-1.2	0.544	7.0	0.105	21.5	0.080	42.0	0.026	62.5	0.031	83.0	0.023
-1.0	0.632	7.2	0.125	22.0	0.067	42.5	0.032	63.0	0.034	83.5	0.024
-0.8	0.713	7.4	0.143	22.5	0.046	43.0	0.035	63.5	0.037	84.0	0.024
-0.6	0.788	7.6	0.157	23.0	0.023	43.5	0.035	64.0	0.038	84.5	0.024
-0.4	0.853	7.8	0.167	23.5	0.007	44.0	0.032	64.5	0.037	85.0	0.025
-0.2	0.908	8.0	0.172	24.0	0.015	44.5	0.025	65.0	0.036	85.5	0.025
0.0	0.951	8.2	0.171	24.5	0.020	45.0	0.018	65.5	0.034	86.0	0.025
0.2	0.981	8.4	0.166	25.0	0.016	45.5	0.011	66.0	0.031	86.5	0.025
0.4	0.997	8.6	0.156	25.5	0.004	46.0	0.011	66.5	0.027	87.0	0.024
0.6	0.999	8.8	0.142	26.0	0.017	46.5	0.016	67.0	0.023	87.5	0.024
0.8	0.988	9.0	0.125	26.5	0.037	47.0	0.020	67.5	0.018	88.0	0.024
1.0	0.963	9.2	0.106	27.0	0.054	47.5	0.022	68.0	0.014	88.5	0.023
1.2	0.925	9.4	0.086	27.5	0.066	48.0	0.021	68.5	0.010	89.0	0.023
1.4	0.875	9.6	0.066	28.0	0.069	48.5	0.018	69.0	0.006	89.5	0.022
1.6	0.814	9.8	0.057	28.5	0.063	49.0	0.014	69.5	0.003	90.0	0.022
1.8	0.745	10.0	0.044	29.0	0.049	49.5	0.012	70.0	0.004		
2.0	0.669	10.2	0.040	29.5	0.030	50.0	0.016	70.5	0.005		
2.2	0.587	10.4	0.045	30.0	0.015	50.5	0.023	71.0	0.007		

Proposal Number **C-00956**
 Date **9-May-07**
 Call Letters **WGNO**
 Location **New Orleans, LA**
 Customer **Hearst & Tribune**
 Antenna Type **TUF-C4SP-10/40U-1-T**
 Channel **15**

ELEVATION PATTERN

RMS Gain at Main Lobe

19.00 (12.79 dB)

Beam Tilt

0.50 deg

RMS Gain at Horizontal

17.20 (12.36 dB)

Frequency

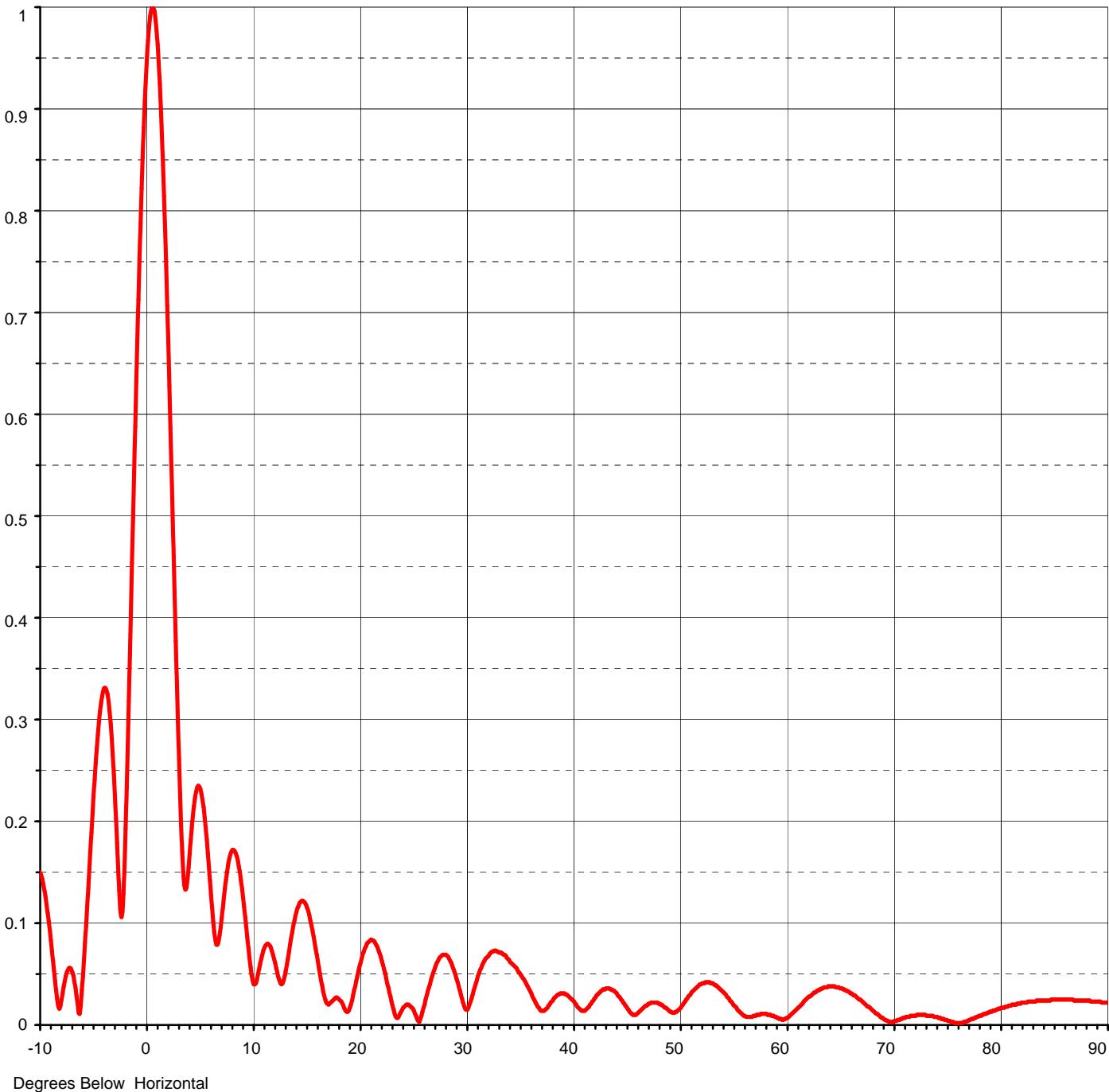
479.00 MHz

Calculated / Measured

Calculated

Drawing #

10U190050-90





Proposal Number **C-00956** Revision: **1**
Date **9-May-07**
Call Letters **WGNO** Channel **15**
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-8.0	0.025	3.2	0.196	12.0	0.065	32.5	0.072	53.0	0.041	73.5	0.009
-7.5	0.052	3.4	0.150	12.5	0.044	33.0	0.072	53.5	0.038	74.0	0.008
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-2.6	0.132	5.6	0.182	18.0	0.026	38.5	0.029	59.0	0.008	79.5	0.015
-2.4	0.106	5.8	0.156	18.5	0.019	39.0	0.031	59.5	0.006	80.0	0.017
-2.2	0.129	6.0	0.128	19.0	0.014	39.5	0.029	60.0	0.007	80.5	0.018
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-1.2	0.544	7.0	0.105	21.5	0.080	42.0	0.026	62.5	0.031	83.0	0.023
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-0.4	0.853	7.8	0.167	23.5	0.007	44.0	0.032	64.5	0.037	85.0	0.025
-0.2	0.908	8.0	0.172	24.0	0.015	44.5	0.025	65.0	0.036	85.5	0.025
0.0	0.951	8.2	0.171	24.5	0.020	45.0	0.018	65.5	0.034	86.0	0.025
0.2	0.981	8.4	0.166	25.0	0.016	45.5	0.011	66.0	0.031	86.5	0.025
0.4	0.997	8.6	0.156	25.5	0.004	46.0	0.011	66.5	0.027	87.0	0.024
0.6	0.999	8.8	0.142	26.0	0.017	46.5	0.016	67.0	0.023	87.5	0.024
0.8	0.988	9.0	0.125	26.5	0.037	47.0	0.020	67.5	0.018	88.0	0.024
1.0	0.963	9.2	0.106	27.0	0.054	47.5	0.022	68.0	0.014	88.5	0.023
1.2	0.925	9.4	0.086	27.5	0.066	48.0	0.021	68.5	0.010	89.0	0.023
1.4	0.875	9.6	0.066	28.0	0.069	48.5	0.018	69.0	0.006	89.5	0.022
1.6	0.814	9.8	0.057	28.5	0.063	49.0	0.014	69.5	0.003	90.0	0.022
1.8	0.745	10.0	0.044	29.0	0.049	49.5	0.012	70.0	0.004		
2.0	0.669	10.2	0.040	29.5	0.030	50.0	0.016	70.5	0.005		
2.2	0.587	10.4	0.045	30.0	0.015	50.5	0.023	71.0	0.007		

TECHNICAL EXHIBIT
REQUEST FOR SPECIAL TEMPORARY AUTHORITY
TELEVISION STATION WGNO-DT (STA)
NEW ORLEANS, LOUISIANA
CHANNEL 15 775 KW (MAX-DA) 286 M

Interference Analysis Using FCC
OET Bulletin No. 69 Methodology
(worst-case scenarios)

(19 pages follow)

Census data selected 1990

TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Record Selected for Analysis

WGNOTD15 USERRECORD-01 NEW ORLEANS LA US
Channel 15 ERP 775. kW HAAT 286. m RCAMSL 00287 m
Latitude 029-56-59 Longitude 0089-57-28
Status APP Zone 3 Border
Dir Antenna Make usr Model 150001 Beam tilt N Ref Azimuth 0.
Last update Cutoff date Docket
Comments
Applicant

Cell Size for Service Analysis 2.0 km/side

Distance Increments for Longley-Rice Analysis 1.00 km

Facility meets maximum height/power limits

Azimuth (Deg)	ERP (kW)	HAAT (m)	41.0 dBu F(50,90) (km)
0.0	554.680	286.9	89.4
45.0	237.860	287.0	82.5
90.0	76.412	286.8	75.7
135.0	55.871	285.3	73.8
180.0	388.480	285.6	86.0
225.0	636.850	286.9	90.7
270.0	507.223	285.4	88.4
315.0	566.544	286.9	89.6

Evaluation toward Class A Stations

Station inside contour of Class A station
WBXN-CA 18 NEW ORLEANS LA BLTTA 20040525AGO

Station inside contour of Class A station
WBXN-CA 18 NEW ORLEANS LA BPTTA 20070404ABX

Station inside contour of Class A station
WTNO-LP 22 NEW ORLEANS LA BSTA 20060829BGH

Station inside contour of Class A station
WTNO-LP 22 NEW ORLEANS LA BDISTTA 20060630AGU

Class A Evaluation Complete

Proposed facility OK to FCC Monitoring Stations

Proposed facility OK toward West Virginia quite zone

Proposed facility OK toward Table Mountain

Proposed facility is beyond the Canadian coordination distance

Proposed facility is beyond the Mexican coordination distance

Proposed station is 1.67km from AM station

NEW ORLEANS LA WTI X Status: L Antenna: DA2

Start of Interference Analysis

Proposed Station

Channel	Call	City/State	ARN
15	WGNODT15	NEW ORLEANS LA	USERRECORD01

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
14	WHNO-DT	NEW ORLEANS LA	7.3	PLN	DTVPLN -DTPV0131
15	WPMI-TV	MOBILE AL	237.3	LIC	BLCT -20050406ABY
15	KADN	LAFAYETTE LA	221.7	LIC	BLCT -19890313KI
16	KADN	LAFAYETTE LA	221.7	CP	BPCDT -19991101AHD
16	KADN-DT	LAFAYETTE LA	221.7	PLN	DTVPLN -DTPV0222
16	WMAH-TV	BILOXI MS	132.0	LIC	BLEDT -20030630AAJ
16	WMAH-DT	BILOXI MS	132.0	PLN	DTVPLN -DTPV0227
18	WBXN-CA	NEW ORLEANS LA	7.2	LIC	BLTTA -20040525AGO
18	WBXN-CA	NEW ORLEANS LA	9.2	CP	BPTTA -20070404ABX
19	KZUP-CA	BATON ROUGE LA	133.5	LIC	BLTTA -20030528AJA
19	WMAH-TV	BILOXI MS	132.0	LIC	BMLET -20030103AAP
22	WTNO-LP	NEW ORLEANS LA	18.1	APP	BSTA -20060829BGH
22	WTNO-LP	NEW ORLEANS LA	18.1	APP	BDISTTA -20060630AGU

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Analysis of Interference to Affected Station 1

DTV Baseline Analysis

Channel	Call	City/State	Application Ref. No.
14	WHNO-DT	NEW ORLEANS LA	DTVPLN -DTPV0131

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
14	KARD	WEST MONROE LA	317.0	PLN	DTVPLN -NPLN0889
14	WMAWTV	MERIDIAN MS	262.1	PLN	DTVPLN -NPLN0891
15	KADN	LAFAYETTE LA	216.2	PLN	DTVPLN -NPLN0924
15	WGNO-DT	NEW ORLEANS LA	10.0	PLN	DTVPLN -DTPV0170

Results for: 14A LA NEW ORLEANS DTVPLN DTPV0131 PLN
HAAT 275.0 m, ATV ERP 130.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1451575	16735.0
not affected by terrain losses	1451575	16735.0
lost to NTSC IX	0	0.0
lost to additional IX by ATV	0	4.0
lost to ATV IX only	0	4.0
lost to all IX	0	4.0

NTSC Baseline Analysis

Channel	Call	City/State	Application Ref. No.
20	WHNO	NEW ORLEANS LA	DTVPLN -NPLN1082

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref.	No.
16	WMAH-DT	BILOXI MS	139.0	PLN	DTVPLN	-DTVP0227
19	WMAHTV	BILOXI MS	139.0	PLN	DTVPLN	-NPLN1049
20	WMPV-DT	MOBILE AL	248.5	PLN	DTVPLN	-DTVP0386
20	KLTL-DT	LAKE CHARLES LA	291.1	PLN	DTVPLN	-DTVP0398
20	WMPN-DT	JACKSON MS	257.1	PLN	DTVPLN	-DTVP0405
24	WUPL-DT	SLIDELL LA	42.3	PLN	DTVPLN	-DTVP0570
27	WLPBTW	BATON ROUGE LA	124.1	PLN	DTVPLN	-NPLN1305
34	WVLA-DT	BATON ROUGE LA	128.6	PLN	DTVPLN	-DTVP0938

Results for: 20N LA NEW ORLEANS

	DTVPLN	NPLN1082	PLN
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1450811	16710.8	
not affected by terrain losses	1450811	16710.8	
lost to NTSC IX	7782	281.8	
lost to additional IX by ATV	0	0.0	
lost to all IX	7782	281.8	

Analysis of current record

Channel	Call	City/State	Application Ref.	No.
14	WHNO-DT	NEW ORLEANS LA	DTVPLN	-DTVP0131

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref.	No.
14	KARD	WEST MONROE LA	317.0	LIC	BLCT	-19861204KF
14	WMAW-TV	MERIDIAN MS	262.1	LIC	BMLET	-20031212AAS
15	KADN	LAFAYETTE LA	216.2	LIC	BLCT	-19890313KI
15	WGNO-DT	NEW ORLEANS LA	10.0	PLN	DTVPLN	-DTVP0170
15	WGNODT15	NEW ORLEANS LA	7.3	APP	USERRECORD	-01

Total scenarios = 1

Result key: 1
 Scenario 1 Affected station 1
 Before Analysis

Results for: 14A LA NEW ORLEANS

	DTVPLN	DTVP0131	PLN
HAAT 275.0 m, ATV ERP 130.0 kW	POPULATION	AREA (sq km)	
within Noise Limited Contour	1451575	16735.0	
not affected by terrain losses	1451575	16735.0	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	0	0.0	
lost to ATV IX only	0	0.0	
lost to all IX	0	0.0	

Potential Interfering Stations Included in above Scenario 1

After Analysis

Results for: 14A LA NEW ORLEANS

	DTVPLN	DTVP0131	PLN
HAAT 275.0 m, ATV ERP 130.0 kW	POPULATION	AREA (sq km)	
within Noise Limited Contour	1451575	16735.0	
not affected by terrain losses	1451575	16735.0	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	730	201.3	
lost to ATV IX only	730	201.3	

lost to all IX

730

201.3

Potential Interfering Stations Included in above Scenario 1

15A LA NEW ORLEANS USERRECORD01 APP

Percent new IX = 0.0503%

Worst case new IX 0.0503% Scenario 1

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Analysis of Interference to Affected Station 2

NTSC Baseline Analysis

Channel	Call	City/State	Application Ref. No.
15	WPMI	MOBILE AL	DTVPLN -NPLN0913

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
15	WRBL-DT	COLUMBUS GA	330.9	PLN	DTVPLN -DTVP0166
15	WGNO-DT	NEW ORLEANS LA	232.2	PLN	DTVPLN -DTVP0170
16	WMAH-DT	BILOXI MS	124.9	PLN	DTVPLN -DTVP0227
17	WEAR-DT	PENSACOLA FL	2.1	PLN	DTVPLN -DTVP0255
19	WMAHTV	BILOXI MS	124.9	PLN	DTVPLN -NPLN1049
22	WHLT	HATTIESBURG MS	174.4	PLN	DTVPLN -NPLN1147
23	WSRE	PENSACOLA FL	44.5	PLN	DTVPLN -NPLN1169
30	WGBC	MERIDIAN MS	213.1	PLN	DTVPLN -NPLN1383

Results for: 15N AL MOBILE	DTVPLN	NPLN0913	PLN
POPULATION		AREA (sq km)	
within Noise Limited Contour	1040240	26054.0	
not affected by terrain losses	1039739	25926.1	
lost to NTSC IX	1092	203.9	
lost to additional IX by ATV	9980	435.7	
lost to all IX	11072	639.6	

Analysis of current record

Channel	Call	City/State	Application Ref. No.
15	WPMI-TV	MOBILE AL	BLCT -20050406ABY

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
14	WSFA-TV	MONTGOMERY AL	204.5	LIC	BPRM -20010427ABK
14	WSFA	MONTGOMERY AL	204.5	LIC	BLCDT -20040702AAJ
15	WRBL-DT	COLUMBUS GA	328.8	PLN	DTVPLN -DTVP0166
15	WGNO-DT	NEW ORLEANS LA	235.4	PLN	DTVPLN -DTVP0170
15	WGNO	NEW ORLEANS LA	235.4	CP MOD	BMPCT -20050630AAB
16	WCOV-TV	MONTGOMERY AL	204.5	CP	BPCDT -19991021ACM
16	WMAH-TV	BILOXI MS	128.9	LIC	BLEDT -20030630AAJ
16	WMAH-DT	BILOXI MS	128.9	PLN	DTVPLN -DTVP0227
17	WEAR-DT	PENSACOLA FL	2.5	PLN	DTVPLN -DTVP0255
17	WEAR-TV	PENSACOLA FL	3.6	CP	BPCDT -19991028AEX
18	960920WX	MOBILE AL	3.6	CP	BPCDT -19960920WX
18	NEW	MOBILE AL	3.6	LIC	BPRM -20000714ABV
19	WMAH-TV	BILOXI MS	128.9	LIC	BMLET -20030103AAP
22	WHLT	HATTIESBURG MS	178.6	LIC	BLCT -19870624KF
23	NEW	MOBILE AL	3.6	APP	BPRM -20060719AAR
23	WSRE	PENSACOLA FL	40.3	LIC	BLET -19850315KM
30	WGBC	MERIDIAN MS	216.3	LIC	BLCT -19910923KF

15 WGNODT15 NEW ORLEANS LA 237.3 APP USERRECORD-01

Total scenarios = 2

Result key: 3
Scenario 2 Affected station 2
Before Analysis

Results for: 15N AL MOBILE

	BLCT	20050406ABY	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1089234	30541.8	
not affected by terrain losses	1088706	30417.8	
lost to NTSC IX	892	136.0	
lost to additional IX by ATV	23045	775.9	
lost to all IX	23937	911.9	

Potential Interfering Stations Included in above Scenario 2

19N MS BILOXI	BMLET	20030103AAP	LIC
15A GA COLUMBUS	DTVPLN	DTVP0166	PLN
16A MS BILOXI	DTVPLN	DTVP0227	PLN
15A LA NEW ORLEANS	DTVPLN	DTVP0170	PLN

After Analysis

Results for: 15N AL MOBILE

	BLCT	20050406ABY	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1089234	30541.8	
not affected by terrain losses	1088706	30417.8	
lost to NTSC IX	892	136.0	
lost to additional IX by ATV	26537	1067.9	
lost to all IX	27429	1203.9	

Potential Interfering Stations Included in above Scenario 2

19N MS BILOXI	BMLET	20030103AAP	LIC
15A GA COLUMBUS	DTVPLN	DTVP0166	PLN
16A MS BILOXI	DTVPLN	DTVP0227	PLN
15A LA NEW ORLEANS	USERRECORD01		APP

Percent new IX = 0.3206%

Worst case new IX 0.3206% Scenario 2

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Analysis of Interference to Affected Station 3

NTSC Baseline Analysis

Channel	Call	City/State	Application Ref. No.
15	KADN	LAFAYETTE LA	DTVPLN -NPLN0924

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
14	KARD	WEST MONROE LA	192.6	PLN	DTVPLN -NPLN0889
15	WGNO-DT	NEW ORLEANS LA	221.7	PLN	DTVPLN -DTVP0170
15	WXVT	GREENVILLE MS	392.9	PLN	DTVPLN -NPLN0927
15	KAMUTV	COLLEGE STATION TX	396.4	PLN	DTVPLN -NPLN0936
15	KTAL-DT	TEXARKANA TX	329.4	PLN	DTVPLN -DTVP0197
16	KADN-DT	LAFAYETTE LA	0.0	PLN	DTVPLN -DTVP0222
18	KLTLTV	LAKE CHARLES LA	75.7	PLN	DTVPLN -NPLN1020

23	KLPB-DT	LAFAYETTE LA	38.4	PLN	DTVPLN	-DTVP0526
29	KVHP	LAKE CHARLES LA	130.9	PLN	DTVPLN	-NPLN1358
30	KVHP-DT	LAKE CHARLES LA	130.9	PLN	DTVPLN	-DTVP0789

Results for: 15N LA LAFAYETTE

	POPULATION	DTVPLN	NPLN0924	PLN
within Noise Limited Contour	585965	19890.0		
not affected by terrain losses	585965	19890.0		
lost to NTSC IX	0	0.0		
lost to additional IX by ATV	0	0.0		
lost to all IX	0	0.0		

Analysis of current record

Channel	Call	City/State	Application Ref. No.
15	KADN	LAFAYETTE LA	BLCT -19890313KI

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
14	KARD	WEST MONROE LA	192.6	LIC	BLCT -19861204KF
15	WGNO-DT	NEW ORLEANS LA	221.7	PLN	DTVPLN -DTVP0170
15	WGNO	NEW ORLEANS LA	221.7	CP MOD	BMPCDT -20050630AAB
15	WXVT	GREENVILLE MS	392.9	CP	BPCT -20041124AEU
15	KAMU-TV	COLLEGE STATION TX	396.4	LIC	BLET -329
15	KTAL-DT	TEXARKANA TX	329.4	PLN	DTVPLN -DTVP0197
16	KADN	LAFAYETTE LA	0.0	CP	BPCDT -19991101AHD
16	KADN-DT	LAFAYETTE LA	0.0	PLN	DTVPLN -DTVP0222
18	KLTL-TV	LAKE CHARLES LA	75.7	LIC	BLET -19810508KF
23	KLPB-TV	LAFAYETTE LA	7.9	LIC	BLEDT -20031117ACC
23	KLPB-DT	LAFAYETTE LA	38.4	PLN	DTVPLN -DTVP0526
29	KVHP	LAKE CHARLES LA	130.9	APP	BSTA -20051104AAG
29	KVHP	LAKE CHARLES LA	130.9	LIC	BLCT -19900406KL
30	KVHP	LAKE CHARLES LA	130.9	CP	BPCDT -19990714LD
30	KVHP-DT	LAKE CHARLES LA	130.9	PLN	DTVPLN -DTVP0789
15	WGNODT15	NEW ORLEANS LA	221.7	APP	USERRECORD-01

Total scenarios = 1

Result key: 4

Scenario 1 Affected station 3

Before Analysis

Results for: 15N LA LAFAYETTE

	POPULATION	BLCT	19890313KI	LIC
within Noise Limited Contour	585965	19890.0		
not affected by terrain losses	585965	19890.0		
lost to NTSC IX	0	0.0		
lost to additional IX by ATV	0	0.0		
lost to all IX	0	0.0		

Potential Interfering Stations Included in above Scenario 1

After Analysis

Results for: 15N LA LAFAYETTE

	POPULATION	BLCT	19890313KI	LIC
within Noise Limited Contour	585965	19890.0		
not affected by terrain losses	585965	19890.0		
lost to NTSC IX	0	0.0		
lost to additional IX by ATV	319	72.2		
lost to all IX	319	72.2		

Potential Interfering Stations Included in above Scenario 1

15A LA NEW ORLEANS USERRECORD01 APP

Percent new IX = 0.0544%

Worst case new IX 0.0544% Scenario 1

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Analysis of Interference to Affected Station 4

DTV Baseline Analysis

Channel	Call	City/State	Application Ref. No.
16	KADN-DT	LAFAYETTE LA	DTVPLN -DTP0222

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
15	KADN	LAFAYETTE LA	0.0	PLN	DTVPLN -NPLN0924
15	WGNO-DT	NEW ORLEANS LA	221.7	PLN	DTVPLN -DTVP0170
16	WMAH-DT	BILOXI MS	315.9	PLN	DTVPLN -DTVP0227
16	WAPT	JACKSON MS	280.3	PLN	DTVPLN -NPLN0956
17	WMAUTV	BUDE MS	179.1	PLN	DTVPLN -NPLN0990

Results for: 16A LA LAFAYETTE DTVPLN DTVP0222 PLN
HAAT 360.0 m, ATV ERP 93.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	585570	19886.0
not affected by terrain losses	585570	19886.0
lost to NTSC IX	0	0.0
lost to additional IX by ATV	0	0.0
lost to ATV IX only	0	0.0
lost to all IX	0	0.0

NTSC Baseline Analysis

Channel	Call	City/State	Application Ref. No.
15	KADN	LAFAYETTE LA	DTVPLN -NPLN0924

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
14	KARD	WEST MONROE LA	192.6	PLN	DTVPLN -NPLN0889
15	WGNO-DT	NEW ORLEANS LA	221.7	PLN	DTVPLN -DTVP0170
15	WXVT	GREENVILLE MS	392.9	PLN	DTVPLN -NPLN0927
15	KAMUTV	COLLEGE STATION TX	396.4	PLN	DTVPLN -NPLN0936
15	KTAL-DT	TEXARKANA TX	329.4	PLN	DTVPLN -DTVP0197
16	KADN-DT	LAFAYETTE LA	0.0	PLN	DTVPLN -DTVP0222
18	KLTLTV	LAKE CHARLES LA	75.7	PLN	DTVPLN -NPLN1020
23	KLPB-DT	LAFAYETTE LA	38.4	PLN	DTVPLN -DTVP0526
29	KVHP	LAKE CHARLES LA	130.9	PLN	DTVPLN -NPLN1358
30	KVHP-DT	LAKE CHARLES LA	130.9	PLN	DTVPLN -DTVP0789

Results for: 15N LA LAFAYETTE DTVPLN NPLN0924 PLN

	POPULATION	AREA (sq km)
within Noise Limited Contour	585965	19890.0
not affected by terrain losses	585965	19890.0
lost to NTSC IX	0	0.0
lost to additional IX by ATV	0	0.0
lost to all IX	0	0.0

Analysis of current record

Channel	Call	City/State	Application Ref. No.
16	KADN	LAFAYETTE LA	BPCDT -19991101AHD

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
15	KADN	LAFAYETTE LA	0.0	LIC	BLCT -19890313KI
15	WGNO-DT	NEW ORLEANS LA	221.7	PLN	DTVPLN -DTVP0170
16	WMAH-TV	BILOXI MS	315.9	LIC	BLEDT -20030630AAJ
16	WMAH-DT	BILOXI MS	315.9	PLN	DTVPLN -DTVP0227
16	WAPT	JACKSON MS	280.3	LIC	BMLCT -20021008ABL
17	WMAU-TV	BUDE MS	179.2	LIC	BMLET -20030108AAO
15	WGNODT15	NEW ORLEANS LA	221.7	APP	USERRECORD-01

Proposed station is beyond the site to nearest cell evaluation distance

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Analysis of Interference to Affected Station 5

Analysis of current record

Channel	Call	City/State	Application Ref. No.
16	KADN-DT	LAFAYETTE LA	DTVPLN -DTVP0222

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
15	KADN	LAFAYETTE LA	0.0	LIC	BLCT -19890313KI
15	WGNO-DT	NEW ORLEANS LA	221.7	PLN	DTVPLN -DTVP0170
16	WMAH-TV	BILOXI MS	315.9	LIC	BLEDT -20030630AAJ
16	WMAH-DT	BILOXI MS	315.9	PLN	DTVPLN -DTVP0227
16	WAPT	JACKSON MS	280.3	LIC	BMLCT -20021008ABL
17	WMAU-TV	BUDE MS	179.2	LIC	BMLET -20030108AAO
15	WGNODT15	NEW ORLEANS LA	221.7	APP	USERRECORD-01

Proposed station is beyond the site to nearest cell evaluation distance

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Analysis of Interference to Affected Station 6

DTV Baseline Analysis

Channel	Call	City/State	Application Ref. No.
16	WMAH-DT	BILOXI MS	DTVPLN -DTVP0227

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
15	WPMI	MOBILE AL	124.9	PLN	DTVPLN -NPLN0913
15	WGNO-DT	NEW ORLEANS LA	129.0	PLN	DTVPLN -DTVP0170
16	WCOV-DT	MONTGOMERY AL	307.0	PLN	DTVPLN -DTVP0204
16	NEW	MARIANNA FL	394.9	PLN	DTVPLN -NPLN0948
16	KADN-DT	LAFAYETTE LA	315.9	PLN	DTVPLN -DTVP0222
16	WAPT	JACKSON MS	212.2	PLN	DTVPLN -NPLN0956
16	WLOV-DT	WEST POINT MS	338.2	PLN	DTVPLN -DTVP0228
17	WEAR-DT	PENSACOLA FL	127.0	PLN	DTVPLN -DTVP0255
17	WMAUTV	BUDE MS	185.1	PLN	DTVPLN -NPLN0990

Results for: 16A MS BILOXI DTVPLN DTVP0227 PLN

HAAT 478.0 m, ATV ERP 50.8 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	675684	21497.5
not affected by terrain losses	675444	21473.5
lost to NTSC IX	17355	247.6
lost to additional IX by ATV	24050	83.9
lost to ATV IX only	38792	131.8
lost to all IX	41405	331.5

NTSC Baseline Analysis

Channel	Call	City/State	Application Ref. No.
19	WMAHTV	BILOXI MS	DTVPLN -NPLN1049

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
15	WGNO-DT	NEW ORLEANS LA	129.0	PLN	DTVPLN -DTVP0170
16	WMAH-DT	BILOXI MS	0.0	PLN	DTVPLN -DTVP0227
17	WEAR-DT	PENSACOLA FL	127.0	PLN	DTVPLN -DTVP0255
18	WMAU-DT	BUDE MS	185.1	PLN	DTVPLN -DTVP0313
19	WIIQ-DT	DEMOPOLIS AL	206.3	PLN	DTVPLN -DTVP0336
19	WMBB-DT	PANAMA CITY FL	343.2	PLN	DTVPLN -DTVP0346
19	KLTM-DT	MONROE LA	336.7	PLN	DTVPLN -DTVP0355
20	WMPV-DT	MOBILE AL	134.3	PLN	DTVPLN -DTVP0386
20	WHNO	NEW ORLEANS LA	139.0	PLN	DTVPLN -NPLN1082
21	WMPVTW	MOBILE AL	134.3	PLN	DTVPLN -NPLN1098
22	WHLT	HATTIESBURG MS	77.6	PLN	DTVPLN -NPLN1147
26	WGNO	NEW ORLEANS LA	129.0	PLN	DTVPLN -NPLN1277
27	WKRG-DT	MOBILE AL	106.8	PLN	DTVPLN -DTVP0660
33	WHBR	PENSACOLA FL	124.9	PLN	DTVPLN -NPLN1446
34	WHBR-DT	PENSACOLA FL	124.9	PLN	DTVPLN -DTVP0932

Results for: 19N MS BILOXI

DTVPLN NPLN1049 PLN

	POPULATION	AREA (sq km)
within Noise Limited Contour	675704	21497.5
not affected by terrain losses	674926	21413.6
lost to NTSC IX	27069	395.4
lost to additional IX by ATV	1276	211.7
lost to all IX	28345	607.0

Analysis of current record

Channel	Call	City/State	Application Ref. No.
16	WMAH-TV	BILOXI MS	BLEDT -20030630AAJ

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
15	WPMI-TV	MOBILE AL	128.9	LIC	BLCT -20050406ABY
15	WGNO-DT	NEW ORLEANS LA	129.0	PLN	DTVPLN -DTVP0170
16	WCOV-TV	MONTGOMERY AL	296.9	CP	BPCDT -19991021ACM
16	WCOV-DT	MONTGOMERY AL	306.9	PLN	DTVPLN -DTVP0204
16	960724KO	MARIANNA FL	395.5	APP	BPET -19960724KO
16	KADN	LAFAYETTE LA	315.9	CP	BPCDT -19991101AHD
16	KADN-DT	LAFAYETTE LA	315.9	PLN	DTVPLN -DTVP0222
16	WAPT	JACKSON MS	212.1	LIC	BMLCT -20021008ABL
16	WLOV-DT	WEST POINT MS	338.1	PLN	DTVPLN -DTVP0228
16	WLOV-TV	WEST POINT MS	338.1	CP MOD	BMPCDT -20070323AOK
17	WEAR-DT	PENSACOLA FL	127.0	PLN	DTVPLN -DTVP0255
17	WEAR-TV	PENSACOLA FL	125.3	CP	BPCDT -19991028AEX
17	WMAU-TV	BUDE MS	185.1	LIC	BMLET -20030108AAO
15	WGNODT15	NEW ORLEANS LA	132.0	APP	USERRECORD-01

Total scenarios = 4

Result key: 5
Scenario 1 Affected station 6
Before Analysis

Results for: 16A MS BILOXI BLEDT 20030630AAJ LIC
HAAT 477.0 m, ATV ERP 150.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	941568	25838.6
not affected by terrain losses	941568	25834.6
lost to NTSC IX	140405	483.2
lost to additional IX by ATV	37600	395.4
lost to ATV IX only	173164	595.0
lost to all IX	178005	878.6

Potential Interfering Stations Included in above Scenario 1

15N AL MOBILE	BLCT	20050406ABY	LIC
16N MS JACKSON	BMLCT	20021008ABL	LIC
16A AL MONTGOMERY	BPCDT	19991021ACM	CP
16A LA LAFAYETTE	BPCDT	19991101AHD	CP
16A MS WEST POINT	BMPCT	20070323AOK	CP
17A FL PENSACOLA	DTVPLN	DTVP0255	PLN

After Analysis

Results for: 16A MS BILOXI BLEDT 20030630AAJ LIC
HAAT 477.0 m, ATV ERP 150.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	941568	25838.6
not affected by terrain losses	941568	25834.6
lost to NTSC IX	140405	483.2
lost to additional IX by ATV	37988	399.4
lost to ATV IX only	173552	599.0
lost to all IX	178393	882.6

Potential Interfering Stations Included in above Scenario 1

15N AL MOBILE	BLCT	20050406ABY	LIC
16N MS JACKSON	BMLCT	20021008ABL	LIC
16A AL MONTGOMERY	BPCDT	19991021ACM	CP
16A LA LAFAYETTE	BPCDT	19991101AHD	CP
16A MS WEST POINT	BMPCT	20070323AOK	CP
17A FL PENSACOLA	DTVPLN	DTVP0255	PLN
15A LA NEW ORLEANS	USERRECORD01		APP

Percent new IX = 0.0599%

Worst case new IX 0.0599% Scenario 1

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Analysis of Interference to Affected Station 7

Analysis of current record

Channel 16	Call WMAH-DT	City/State BILOXI MS	Application Ref. No. DTVPLN -DTVP0227
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Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
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15	WPMI-TV	MOBILE AL	128.9	LIC	BLCT	-20050406ABY
15	WGNO-DT	NEW ORLEANS LA	129.0	PLN	DTVPLN	-DTVP0170
16	WCOV-TV	MONTGOMERY AL	296.9	CP	BPCDT	-19991021ACM
16	WCOV-DT	MONTGOMERY AL	307.0	PLN	DTVPLN	-DTVP0204
16	960724KO	MARIANNA FL	395.5	APP	BPET	-19960724KO
16	KADN	LAFAYETTE LA	315.9	CP	BPCDT	-19991101AHD
16	KADN-DT	LAFAYETTE LA	315.9	PLN	DTVPLN	-DTVP0222
16	WAPT	JACKSON MS	212.2	LIC	BMLCT	-20021008ABL
16	WLOV-DT	WEST POINT MS	338.2	PLN	DTVPLN	-DTVP0228
16	WLOV-TV	WEST POINT MS	338.2	CP MOD	BMPCDT	-20070323AOK
17	WEAR-DT	PENSACOLA FL	127.0	PLN	DTVPLN	-DTVP0255
17	WEAR-TV	PENSACOLA FL	125.3	CP	BPCDT	-19991028AEX
17	WMAU-TV	BUDE MS	185.2	LIC	BMLET	-20030108AAO
15	WGNODT15	NEW ORLEANS LA	132.0	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 8

Analysis of current record

Channel	Call	City/State	Application Ref. No.
18	WBXN-CA	NEW ORLEANS LA	BLTTA -20040525AGO

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
14	WHNO-DT	NEW ORLEANS LA	0.0	PLN	DTVPLN -DTVP0131
15	WGNO-DT	NEW ORLEANS LA	10.0	PLN	DTVPLN -DTVP0170
15	WGNO	NEW ORLEANS LA	10.0	CP MOD	BMPCDT -20050630AAB
16	WMAH-TV	BILOXI MS	139.0	LIC	BLEDT -20030630AAJ
16	WMAH-DT	BILOXI MS	139.0	PLN	DTVPLN -DTVP0227
18	960920WX	MOBILE AL	241.0	CP	BPCDT -19960920WX
18	NEW	MOBILE AL	241.0	LIC	BPRM -20000714ABV
18	KLTL-TV	LAKE CHARLES LA	291.1	LIC	BLET -19810508KF
18	WMAU-DT	BUDE MS	175.7	PLN	DTVPLN -DTVP0313
18	WMAU-TV	BUDE MS	175.8	CP	BPEDT -20000501AHS
21	WHNO-TV	NEW ORLEANS LA	0.0	LIC	BPRM -20000803AAF
21	WHNO	NEW ORLEANS LA	0.0	LIC	BLCDT -20050413AAK
25	WLPB-TV	BATON ROUGE LA	124.1	LIC	BLEDT -20041020ADE
25	WLPB-DT	BATON ROUGE LA	124.1	PLN	DTVPLN -DTVP0603
32	WLAE-TV	NEW ORLEANS LA	9.8	CP	BPET -20060130ANN
33	WVLA	BATON ROUGE LA	128.6	LIC	BLCT -19871224KH
15	WGNODT15	NEW ORLEANS LA	7.2	APP	USERRECORD-01

Total scenarios = 1

Result key: 9

Scenario	1	Affected station	8
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Before Analysis

Results for: 18N LA NEW ORLEANS	BLTTA	20040525AGO	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	638408	692.4	
not affected by terrain losses	638408	692.4	
lost to NTSC IX	33709	32.2	
lost to additional IX by ATV	62098	36.2	
lost to all IX	95807	68.4	

Potential Interfering Stations Included in above Scenario 1

32N LA NEW ORLEANS	BPET	20060130ANN	CP
18A MS BUDE	BPEDT	20000501AHS	CP

After Analysis

Results for: 18N LA NEW ORLEANS	BLTTA	20040525AGO	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	638408	692.4	
not affected by terrain losses	638408	692.4	
lost to NTSC IX	33709	32.2	
lost to additional IX by ATV	74471	44.3	
lost to all IX	108180	76.5	

Potential Interfering Stations Included in above Scenario 1

32N LA NEW ORLEANS	BPET	20060130ANN	CP
18A MS BUDE	BPEDT	20000501AHS	CP
15A LA NEW ORLEANS	USERRECORD01		APP

The following station failed the de minimis interference criteria.

15D LA NEW ORLEANS	USERRECORD01
ERP 775.00 kW HAAT	286.0 m RCAMSL 287.0 m
Antenna usr 150001	

Due to interference to the following station and scenario: 1

18N LA NEW ORLEANS	BLTTA	20040525AGO
ERP 5.00 kW HAAT	305.0 m RCAMSL 305.0 m	
Antenna CDB 0000000020425		

Percent new DTV interference without proposal:	9.7	BLTTA	20040525AGO
Percent new DTV interference with proposal:	11.7	BLTTA	20040525AGO

Worst case new IX 1.9381% Scenario 1

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Analysis of Interference to Affected Station 9

Analysis of current record

Channel	Call	City/State	Application Ref. No.
18	WBXN-CA	NEW ORLEANS LA	BPTTA -20070404ABX

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
14	WHNO-DT	NEW ORLEANS LA	2.1	PLN	DTVPLN -DTVP0131
15	WGNO-DT	NEW ORLEANS LA	12.1	PLN	DTVPLN -DTVP0170
15	WGNO	NEW ORLEANS LA	12.1	CP MOD	BMPCT -20050630AAB
16	WMAH-TV	BILOXI MS	141.1	LIC	BLEDT -20030630AAJ
16	WMAH-DT	BILOXI MS	141.0	PLN	DTVPLN -DTVP0227
18	960920WX	MOBILE AL	242.9	CP	BPCDT -19960920WX
18	NEW	MOBILE AL	242.9	LIC	BPRM -20000714ABV
18	KLTL-TV	LAKE CHARLES LA	290.0	LIC	BLET -19810508KF
18	WMAU-DT	BUDE MS	176.6	PLN	DTVPLN -DTVP0313
18	WMAU-TV	BUDE MS	176.7	CP	BPEDT -20000501AHS
21	WHNO-TV	NEW ORLEANS LA	2.1	LIC	BPRM -20000803AAF
21	WHNO	NEW ORLEANS LA	2.1	LIC	BLCDT -20050413AAK
25	WLPB-TV	BATON ROUGE LA	123.4	LIC	BLEDT -20041020ADE
25	WLPB-DT	BATON ROUGE LA	123.4	PLN	DTVPLN -DTVP0603
32	WLAE-TV	NEW ORLEANS LA	11.9	CP	BPET -20060130ANN
33	WVLA	BATON ROUGE LA	127.8	LIC	BLCT -19871224KH

15 WGNODT15 NEW ORLEANS LA

9.2 APP USERRECORD-01

Total scenarios = 2

Result key: 10
Scenario 1 Affected station 9
Before Analysis

Results for: 18N LA NEW ORLEANS BPTTA 20070404ABX CP
POPULATION AREA (sq km)
within Noise Limited Contour 454184 370.5
not affected by terrain losses 449665 366.4
lost to NTSC IX 32353 16.1
lost to additional IX by ATV 109964 40.3
lost to all IX 142317 56.4

Potential Interfering Stations Included in above Scenario 1

32N LA NEW ORLEANS BPET 20060130ANN CP
18A AL MOBILE BPCDT 19960920WX CP
18A MS BUDE BPEDT 20000501AHS CP

After Analysis

Results for: 18N LA NEW ORLEANS BPTTA 20070404ABX CP
POPULATION AREA (sq km)
within Noise Limited Contour 454184 370.5
not affected by terrain losses 449665 366.4
lost to NTSC IX 32353 16.1
lost to additional IX by ATV 115022 44.3
lost to all IX 147375 60.4

Potential Interfering Stations Included in above Scenario 1

32N LA NEW ORLEANS BPET 20060130ANN CP
18A AL MOBILE BPCDT 19960920WX CP
18A MS BUDE BPEDT 20000501AHS CP
15A LA NEW ORLEANS USERRECORD01 APP

The following station failed the de minimis interference criteria.

15D LA NEW ORLEANS USERRECORD01
ERP 775.00 kW HAAT 286.0 m RCAMSL 287.0 m
Antenna usr 150001

Due to interference to the following station and scenario: 1
18N LA NEW ORLEANS BPTTA 20070404ABX
ERP 2.30 kW HAAT 264.0 m RCAMSL 263.0 m
Antenna CDB 0000000020425

Percent new DTV interference without proposal: 24.2 BPTTA 20070404ABX
Percent new DTV interference with proposal: 25.3 BPTTA 20070404ABX

Worst case new IX 1.1136% Scenario 1

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Analysis of Interference to Affected Station 10

Analysis of current record

Channel	Call	City/State	Application Ref. No.
19	KZUP-CA	BATON ROUGE LA	BLTTA -20030528AJA

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
15	WGNO-DT	NEW ORLEANS LA	133.2	PLN	DTVPLN -DTVP0170
15	WGNO	NEW ORLEANS LA	133.2	CP MOD	BMPCDT -20050630AAB
16	KADN	LAFAYETTE LA	90.1	CP	BPCDT -19991101AHD
16	KADN-DT	LAFAYETTE LA	90.1	PLN	DTVPLN -DTVP0222
17	WMAU-TV	BUDE MS	126.7	LIC	BMLET -20030108AAO
18	WMAU-DT	BUDE MS	126.6	PLN	DTVPLN -DTVP0313
18	WMAU-TV	BUDE MS	126.7	CP	BPEDT -20000501AHS
19	KLTM-TV	MONROE LA	256.9	LIC	BLEDT -20040818AAF
19	KLTM-DT	MONROE LA	221.0	PLN	DTVPLN -DTVP0355
19	K19FR	NEW IBERIA LA	61.1	LIC	BLTT -20060404AFT
19	WMAH-TV	BILOXI MS	228.2	LIC	BMLET -20030103AAP
19	K55GT	BEAUMONT TX	263.7	APP	BPTTL -20011116ABK
20	WHNO	NEW ORLEANS LA	128.6	LIC	BLCT -19941101KE
21	WHNO-TV	NEW ORLEANS LA	128.6	LIC	BPRM -20000803AAF
21	WHNO	NEW ORLEANS LA	128.6	LIC	BLCDT -20050413AAK
23	KLPB-TV	LAFAYETTE LA	96.5	LIC	BLEDT -20031117ACC
23	KLPB-DT	LAFAYETTE LA	109.7	PLN	DTVPLN -DTVP0526
33	WVLA	BATON ROUGE LA	0.0	LIC	BLCT -19871224KH
34	WVLA	BATON ROUGE LA	0.0	LIC	BLCDT -20051221AOO
34	WVLA-DT	BATON ROUGE LA	0.0	PLN	DTVPLN -DTVP0938
15	WGNOTD15	NEW ORLEANS LA	133.5	APP	USERRECORD-01

Proposed station is beyond the site to nearest cell evaluation distance

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Analysis of Interference to Affected Station 11

NTSC Baseline Analysis

Channel	Call	City/State	Application Ref. No.
19	WMAHTV	BILOXI MS	DTVPLN -NPLN1049

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
15	WGNO-DT	NEW ORLEANS LA	129.0	PLN	DTVPLN -DTVP0170
16	WMAH-DT	BILOXI MS	0.0	PLN	DTVPLN -DTVP0227
17	WEAR-DT	PENSACOLA FL	127.0	PLN	DTVPLN -DTVP0255
18	WMAU-DT	BUDE MS	185.1	PLN	DTVPLN -DTVP0313
19	WIIQ-DT	DEMOPOLIS AL	206.3	PLN	DTVPLN -DTVP0336
19	WMBB-DT	PANAMA CITY FL	343.2	PLN	DTVPLN -DTVP0346
19	KLTM-DT	MONROE LA	336.7	PLN	DTVPLN -DTVP0355
20	WMPV-DT	MOBILE AL	134.3	PLN	DTVPLN -DTVP0386
20	WHNO	NEW ORLEANS LA	139.0	PLN	DTVPLN -NPLN1082
21	WMPVT	MOBILE AL	134.3	PLN	DTVPLN -NPLN1098
22	WHLT	HATTIESBURG MS	77.6	PLN	DTVPLN -NPLN1147
26	WGNO	NEW ORLEANS LA	129.0	PLN	DTVPLN -NPLN1277
27	WKRG-DT	MOBILE AL	106.8	PLN	DTVPLN -DTVP0660
33	WHBR	PENSACOLA FL	124.9	PLN	DTVPLN -NPLN1446
34	WHBR-DT	PENSACOLA FL	124.9	PLN	DTVPLN -DTVP0932

Results for: 19N MS BILOXI	DTVPLN	NPLN1049	PLN
	POPULATION	AREA (sq km)	
within Noise Limited Contour	675704	21497.5	
not affected by terrain losses	674926	21413.6	
lost to NTSC IX	27069	395.4	
lost to additional IX by ATV	1276	211.7	

lost to all IX

28345

607.0

Analysis of current record

Channel	Call	City/State	Application Ref. No.
19	WMAH-TV	BILOXI MS	BMLET -20030103AAP

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
15	WGNO-DT	NEW ORLEANS LA	129.0	PLN	DTVPLN -DTVP0170
15	WGNO	NEW ORLEANS LA	129.0	CP MOD	BMPCT -20050630AAB
16	WMAH-TV	BILOXI MS	0.0	LIC	BLEDT -20030630AAJ
16	WMAH-DT	BILOXI MS	0.1	PLN	DTVPLN -DTVP0227
17	WEAR-DT	PENSACOLA FL	127.0	PLN	DTVPLN -DTVP0255
17	WEAR-TV	PENSACOLA FL	125.3	CP	BPCDT -19991028AEX
18	960920WX	MOBILE AL	125.3	CP	BPCDT -19960920WX
18	NEW	MOBILE AL	125.3	LIC	BPRM -20000714ABV
18	WMAU-DT	BUDE MS	185.1	PLN	DTVPLN -DTVP0313
18	WMAU-TV	BUDE MS	185.1	CP	BPEDT -20000501AHS
19	WIIQ	DEMOPOLIS AL	205.8	LIC	BLEDT -20031023AAI
19	WIIQ-DT	DEMOPOLIS AL	206.2	PLN	DTVPLN -DTVP0336
19	WMBB-DT	PANAMA CITY FL	343.2	PLN	DTVPLN -DTVP0346
19	KLTM-TV	MONROE LA	357.8	LIC	BLEDT -20040818AAF
19	KLTM-DT	MONROE LA	336.6	PLN	DTVPLN -DTVP0355
20	WMPV-DT	MOBILE AL	134.3	PLN	DTVPLN -DTVP0386
20	WMPV-TV	MOBILE AL	128.9	LIC	BLCDT -20060703AAJ
20	WHNO	NEW ORLEANS LA	139.1	LIC	BLCT -19941101KE
21	WMPV-TV	MOBILE AL	134.3	CP	BPCT -20010905AAD
21	WHNO-TV	NEW ORLEANS LA	139.1	LIC	BPRM -20000803AAF
21	WHNO	NEW ORLEANS LA	139.1	LIC	BLCDT -20050413AAK
22	WHLT	HATTIESBURG MS	77.4	LIC	BLCT -19870624KF
23	NEW	MOBILE AL	125.3	APP	BPRM -20060719AAR
26	WGNO	NEW ORLEANS LA	129.0	LIC	BLCT -20050228AAK
27	WKRG-DT	MOBILE AL	106.8	PLN	DTVPLN -DTVP0660
33	WHBR	PENSACOLA FL	125.3	LIC	BLCT -20070604ACF
33	WHBR	PENSACOLA FL	125.3	APP	BSTA -20071009AKV
34	WHBR-DT	PENSACOLA FL	124.9	PLN	DTVPLN -DTVP0932
34	WHBR	PENSACOLA FL	125.3	LIC	BLCDT -20060627AAV
34	WRBJ	MAGEE MS	162.3	LIC	BLCT -20060223AAV
34	960920LS	MAGEE MS	147.3	APP	BPCT -19960920LS
15	WGNODT15	NEW ORLEANS LA	132.0	APP	USERRECORD-01

Proposal causes no interference

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Analysis of Interference to Affected Station 12

Analysis of current record

Channel	Call	City/State	Application Ref. No.
22	WTNO-LP	NEW ORLEANS LA	BSTA -20060829BGH

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
14	WHNO-DT	NEW ORLEANS LA	13.0	PLN	DTVPLN -DTVP0131
15	WGNO-DT	NEW ORLEANS LA	18.7	PLN	DTVPLN -DTVP0170
15	WGNO	NEW ORLEANS LA	18.7	CP MOD	BMPCT -20050630AAB
21	WHNO-TV	NEW ORLEANS LA	13.0	LIC	BPRM -20000803AAF
21	WHNO	NEW ORLEANS LA	13.0	LIC	BLCDT -20050413AAK
22	WHLT	HATTIESBURG MS	181.1	LIC	BLCT -19870624KF
24	WUPL-DT	SLIDELL LA	41.5	PLN	DTVPLN -DTVP0570
24	WUPL	SLIDELL LA	13.0	LIC	BLCDT -20040812AAA

25	WLPB-TV	BATON ROUGE LA	111.1	LIC	BLEDT	-20041020ADE
25	WLPB-DT	BATON ROUGE LA	111.1	PLN	DTVPLN	-DTVP0603
29	WVUE-DT	NEW ORLEANS LA	18.8	PLN	DTVPLN	-DTVP0745
30	WWL-DT	NEW ORLEANS LA	12.5	PLN	DTVPLN	-DTVP0790
36	WWL-TV	NEW ORLEANS LA	12.6	LIC	BLCDT	-20020506AAK
36	WWLTV	NEW ORLEANS LA	12.5	LIC	BPRM	-20000413AAA
15	WGNODT15	NEW ORLEANS LA	18.1	APP	USERRECORD	-01

Total scenarios = 4

Result key: 12
 Scenario 1 Affected station 12
 Before Analysis

Results for: 22N LA NEW ORLEANS BSTA 20060829BGH APP

	POPULATION	AREA (sq km)
within Noise Limited Contour	990460	1320.7
not affected by terrain losses	990460	1320.7
lost to NTSC IX	0	0.0
lost to additional IX by ATV	21560	12.1
lost to all IX	21560	12.1

Potential Interfering Stations Included in above Scenario 1

21A LA NEW ORLEANS	BPRM	20000803AAF	LIC
24A LA SLIDELL	BLCDT	20040812AAA	LIC
29A LA NEW ORLEANS	DTVPLN	DTVP0745	PLN
30A LA NEW ORLEANS	DTVPLN	DTVP0790	PLN
36A LA NEW ORLEANS	BLCDT	20020506AAK	LIC

After Analysis

Results for: 22N LA NEW ORLEANS BSTA 20060829BGH APP

	POPULATION	AREA (sq km)
within Noise Limited Contour	990460	1320.7
not affected by terrain losses	990460	1320.7
lost to NTSC IX	0	0.0
lost to additional IX by ATV	24014	16.1
lost to all IX	24014	16.1

Potential Interfering Stations Included in above Scenario 1

21A LA NEW ORLEANS	BPRM	20000803AAF	LIC
24A LA SLIDELL	BLCDT	20040812AAA	LIC
29A LA NEW ORLEANS	DTVPLN	DTVP0745	PLN
30A LA NEW ORLEANS	DTVPLN	DTVP0790	PLN
36A LA NEW ORLEANS	BLCDT	20020506AAK	LIC
15A LA NEW ORLEANS	USERRECORD	01	APP

Percent new IX = 0.2478%

Worst case new IX 0.2478% Scenario 1

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Analysis of Interference to Affected Station 13

Analysis of current record

Channel	Call	City/State	Application Ref. No.
22	WTNO-LP	NEW ORLEANS LA	BDISTTA -20060630AGU

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
14	WHNO-DT	NEW ORLEANS LA	13.0	PLN	DTVPLN -DTVP0131
15	WGNO-DT	NEW ORLEANS LA	18.7	PLN	DTVPLN -DTVP0170
15	WGNO	NEW ORLEANS LA	18.7	CP MOD	BMPCTD -20050630AAB
21	WHNO-TV	NEW ORLEANS LA	13.0	LIC	BPRM -20000803AAF
21	WHNO	NEW ORLEANS LA	13.0	LIC	BLCDT -20050413AAK
22	WHLT	HATTIESBURG MS	181.1	LIC	BLCT -19870624KF
24	WUPL-DT	SLIDELL LA	41.5	PLN	DTVPLN -DTVP0570
24	WUPL	SLIDELL LA	13.0	LIC	BLCDT -20040812AAA
25	WLPB-TV	BATON ROUGE LA	111.1	LIC	BLEDT -20041020ADE
25	WLPB-DT	BATON ROUGE LA	111.1	PLN	DTVPLN -DTVP0603
29	WVUE-DT	NEW ORLEANS LA	18.8	PLN	DTVPLN -DTVP0745
30	WWL-DT	NEW ORLEANS LA	12.5	PLN	DTVPLN -DTVP0790
36	WWL-TV	NEW ORLEANS LA	12.6	LIC	BLCDT -20020506AAK
36	WWLTV	NEW ORLEANS LA	12.5	LIC	BPRM -20000413AAA
15	WGNODT15	NEW ORLEANS LA	18.1	APP	USERRECORD-01

Total scenarios = 4

Result key: 16

Scenario 1 Affected station 13

Before Analysis

Results for: 22N LA NEW ORLEANS		BDISTTA	20060630AGU	APP
		POPULATION	AREA (sq km)	
within Noise Limited Contour		990460	1320.7	
not affected by terrain losses		990460	1320.7	
lost to NTSC IX		0	0.0	
lost to additional IX by ATV		21560	12.1	
lost to all IX		21560	12.1	

Potential Interfering Stations Included in above Scenario 1

21A LA NEW ORLEANS	BPRM	20000803AAF	LIC
24A LA SLIDELL	BLCDT	20040812AAA	LIC
29A LA NEW ORLEANS	DTVPLN	DTVP0745	PLN
30A LA NEW ORLEANS	DTVPLN	DTVP0790	PLN
36A LA NEW ORLEANS	BLCDT	20020506AAK	LIC

After Analysis

Results for: 22N LA NEW ORLEANS		BDISTTA	20060630AGU	APP
		POPULATION	AREA (sq km)	
within Noise Limited Contour		990460	1320.7	
not affected by terrain losses		990460	1320.7	
lost to NTSC IX		0	0.0	
lost to additional IX by ATV		24014	16.1	
lost to all IX		24014	16.1	

Potential Interfering Stations Included in above Scenario 1

21A LA NEW ORLEANS	BPRM	20000803AAF	LIC
24A LA SLIDELL	BLCDT	20040812AAA	LIC
29A LA NEW ORLEANS	DTVPLN	DTVP0745	PLN
30A LA NEW ORLEANS	DTVPLN	DTVP0790	PLN
36A LA NEW ORLEANS	BLCDT	20020506AAK	LIC
15A LA NEW ORLEANS	USERRECORD01		APP

Percent new IX = 0.2478%

Worst case new IX 0.2478% Scenario 1

#####
#####

Analysis of Interference to Affected Station 14

DTV Baseline Analysis

Channel	Call	City/State	Application Ref. No.
15	WGNO-DT	NEW ORLEANS LA	DTVPLN -DTPV0170

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
14	WHNO-DT	NEW ORLEANS LA	10.0	PLN	DTVPLN -DTPV0131
15	WPMI	MOBILE AL	232.2	PLN	DTVPLN -NPLN0913
15	KADN	LAFAYETTE LA	221.7	PLN	DTVPLN -NPLN0924
15	WXVT	GREENVILLE MS	414.7	PLN	DTVPLN -NPLN0927
16	KADN-DT	LAFAYETTE LA	221.7	PLN	DTVPLN -DTPV0222
16	WMAH-DT	BILOXI MS	129.0	PLN	DTVPLN -DTPV0227

Results for: 15A LA NEW ORLEANS DTVPLN DTPV0170 PLN
HAAT 308.0 m, ATV ERP 70.1 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1404401	16769.3
not affected by terrain losses	1404401	16769.3
lost to NTSC IX	0	0.0
lost to additional IX by ATV	0	0.0
lost to ATV IX only	0	0.0
lost to all IX	0	0.0

NTSC Baseline Analysis

Channel	Call	City/State	Application Ref. No.
26	WGNO	NEW ORLEANS LA	DTVPLN -NPLN1277

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
19	WMAHTV	BILOXI MS	129.0	PLN	DTVPLN -NPLN1049
24	WUPL-DT	SLIDELL LA	34.0	PLN	DTVPLN -DTPV0570
25	WLPB-DT	BATON ROUGE LA	128.2	PLN	DTVPLN -DTPV0603
25	WXXVTV	GULFPORT MS	120.5	PLN	DTVPLN -NPLN1251
26	KLPA-DT	ALEXANDRIA LA	304.2	PLN	DTVPLN -DTPV0640
26	WMDN-DT	MERIDIAN MS	285.2	PLN	DTVPLN -DTPV0643
27	WLPBTW	BATON ROUGE LA	128.2	PLN	DTVPLN -NPLN1305
29	WVUE-DT	NEW ORLEANS LA	3.1	PLN	DTVPLN -DTPV0745
30	WWL-DT	NEW ORLEANS LA	12.1	PLN	DTVPLN -DTPV0790
33	WVLA	BATON ROUGE LA	133.2	PLN	DTVPLN -NPLN1449
34	WVLA-DT	BATON ROUGE LA	133.2	PLN	DTVPLN -DTPV0938
40	WNOL-DT	NEW ORLEANS LA	1.0	PLN	DTVPLN -DTPV1126

Results for: 26N LA NEW ORLEANS DTVPLN NPLN1277 PLN
POPULATION AREA (sq km)
within Noise Limited Contour 1404239 16761.3
not affected by terrain losses 1404239 16761.3
lost to NTSC IX 15442 571.5
lost to additional IX by ATV 0 0.0
lost to all IX 15442 571.5

Analysis of current record

Channel	Call	City/State	Application Ref. No.
15	WGNODT15	NEW ORLEANS LA	USERRECORD-01

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
14	WHNO-DT	NEW ORLEANS LA	7.3	PLN	DTVPLN	-DTVP0131
15	WPMI-TV	MOBILE AL	237.3	LIC	BLCT	-20050406ABY
15	KADN	LAFAYETTE LA	221.7	LIC	BLCT	-19890313KI
15	WXVT	GREENVILLE MS	418.1	CP	BPCT	-20041124AEU
16	KADN	LAFAYETTE LA	221.7	CP	BPCDT	-19991101AHD
16	KADN-DT	LAFAYETTE LA	221.7	PLN	DTVPLN	-DTVP0222
16	WMAH-TV	BILOXI MS	132.0	LIC	BLEDT	-20030630AAJ
16	WMAH-DT	BILOXI MS	132.0	PLN	DTVPLN	-DTVP0227

Total scenarios = 1

Result key: 20

Scenario 1 Affected station 14

Before Analysis

Results for: 15A LA NEW ORLEANS USERRECORD01 APP

HAAT 286.0 m, ATV ERP 775.0 kW

POPULATION AREA (sq km)

within Noise Limited Contour	1624048	24648.4
not affected by terrain losses	1624048	24648.4
lost to NTSC IX	41	4.0
lost to additional IX by ATV	0	0.0
lost to ATV IX only	0	0.0
lost to all IX	41	4.0

Potential Interfering Stations Included in above Scenario 1

15N AL MOBILE BLCT 20050406ABY LIC

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FINISHED FINISHED FINISHED FINISHED FINISHED FINISHED

TECHNICAL EXHIBIT
REQUEST FOR SPECIAL TEMPORARY AUTHORITY
TELEVISION STATION WGNO-DT (STA)
NEW ORLEANS, LOUISIANA
CHANNEL 15 775 KW (MAX-DA) 286 M

Technical Statement Concerning Special Circumstances
Regarding Interference Analysis for WGNO-DT and WNOL-DT

(9 pages follow)

In the Matter of:

Third Periodic Review of the
Commission's Rules and Policies
Affecting the Conversion
To Digital Television

MB Docket No. 07-91

TRIBUNE BROADCASTING COMPANY

**TECHNICAL STATEMENT
CONCERNING SPECIAL CIRCUMSTANCES REGARDING
INTERFERENCE ANALYSIS FOR WGNO-DT AND WNOL-DT
NEW ORLEANS, LOUISIANA**

This Technical Statement concerns stations WGNO-DT and WNOL-DT, both in New Orleans, Louisiana. WGNO-DT is authorized for pre-transition digital operation on Channel 15 in New Orleans and is proposed for post-transition operation on Channel 26. WNOL-DT is authorized for pre-transition digital operation on Channel 40 and for post-transition operation on Channel 15. The proposed new WGNO-DT and WNOL-DT facilities will be located on the existing Hearst tower in Chalmette and will employ a shared transmitting antenna that will accommodate digital Channels 15, 26 and 43. It is anticipated that WNOL-DT will operate on Channel 15 with a maximum effective radiated power (ERP) of 775 kW using the shared antenna and that WGNO-DT will operate on Channel 26 with a maximum ERP of 1000 kW using the shared antenna. The shared antenna radiation center will be located at a height of 287 m above mean sea level. Calculations of predicted interference for the Channels 15 and 26 digital facilities have been conducted according to FCC Office of Engineering and Technology Bulletin No. 69 (OET-69). These studies result in anomalous interference conditions to Class A stations WBXN-CA and WTNO-LP that is the subject of this statement.

Class A television station WBXN-CA is licensed for operation on Channel 18 with a maximum direction ERP of 5 kW and an antenna height of 305 m AMSL (FCC File No. BLTTA-20040525AGO). WBXN-CA holds a construction permit for operation on Channel 18 at a different site with a reduced maximum directional ERP of 2.3 kW an antenna height of 264 m AMSL (FCC File No. BPTTA-20070404ABX). WBXN-CA is related by taboo restrictions to both Channels 15 and 26.

Class A television station WTNO-LP is licensed for operation on Channel 36, but it has applied for operation on Channel 22 with a maximum direction ERP of 49.3 kW and an antenna height of 102 m AMSL (FCC File No. BDISTTA-20060630AGU). WTNO-LP is related by taboo restrictions to both Channels 15 and 26.

The facilities proposed on Channels 15 and 26 for digital stations WNOL-DT and WGNO-DT at the Hearst tower, including the directional antenna pattern information, are summarized in Figures 1 and 2 herein.

The proposed Hearst transmitter site is located 3.7 km south-southwest of the WGNO/WNOL tower, which is the authorized transmitter site for WGNO-DT and WNOL-DT. The proposed relocation of the WNOL-DT and WGNO-DT transmitter sites to the Hearst tower, to share the new combined transmitting antenna, requires an interference analysis to be conducted according to the procedures of OET-69. For both Channels 15 and 26, there are no full-service analog or digital interference issues of concern. However, there is taboo interference predicted with respect to taboo related Class A stations WBXN-CA and WTNO-LP as result of the anomaly in the FCC OET-69 analysis code.

The attached Figure 3 is a map showing the predicted 74 dBu protected service contours for stations WBXN-CA and WTNO-LP. Also shown on this map are the locations of the WGNO/WNOL tower site and the Hearst tower site. It will be observed that both tower sites are within the predicted protected 74 dBu contours of WBXN-CA and WTNO-LP.

The FCC OET-69 interference analysis indicates that there will be predicted impermissible interference to the WBXN-CA licensed and construction permit facilities from the proposed digital operations on Channels 15 and 26. The OET-69 interference analysis program also indicates that there would be impermissible interference from the Channel 26 facility to the both the WBXN-CA and WTNO-LP facilities. The results are summarized below:

- WBXN-CA (CP), Baseline population = 454,184; Predicted net interference from proposed Channel 15 facility = 5,058; 1.11% interference.
- WBXN-CA (Lic.), Baseline population = 638,408; Predicted net interference from proposed Channel 15 facility = 12,373; 1.94% interference.
- WBXN-CA (Lic.), Baseline population = 638,408; Predicted net interference from proposed Channel 26 facility = 12,373; 1.94% interference.
- WTNO-LP, Baseline population = 990,460; Predicted net interference from proposed Channel 26 facility = 13,437; 1.36% interference.

There are only one or two cells of interference that separately or together make up the predicted interference values to WBXN-CA and WTNO-LP. These cells are located within 1-km of the undesired Channel 15 and 26 transmitter sites. However, in reality there would be no interference to WBXN-CA or WTNO-LP. This is where the anomaly in the FCC OET-69 code has caused there to be predicted interference where none would ever exist in practice.

OET Bulletin No. 69 (February 6, 2004), in Table 8, indicates that the elevation pattern relative field factor to be assumed for full service digital facilities at angles exceeding 5 degrees below the horizon is 0.150. This is a conservative estimate of actual elevation patterns and it is generally consistent with the elevation patterns proposed for Channels 15 and 26. However, according to the OET-69 processing software code, all points within 1 kilometer of the undesired transmitter site default to an elevation pattern relative field factor of 1.000, regardless of the depression angle. This would be the equivalent of

having an ERP of 775 kW for Channel 15 and 1000 kW for Channel 26 directed at the ground surrounding the Hearst Tower. This is purely fictional and can never happen in practice. This anomaly is referenced in the FCC code as excerpted below from the OET-69 code file identified as “global.inc”:

```
c    mod2 - Set the vertical radiation factor to the last value
c          of the pattern array for points within 1 km of the
c          transmitter. The vertical radiation factor for
c          these points was erroneously set to unity in
c          computations for Appendix B tables of the 6th R&O
c          and the reconsideration orders.
```

This describes a correction in the FCC code called “mod2,” which was designed to fix this anomaly, but was never implemented in the FCC code. Further explanation on “mod2” is found in the OET-69 code in the file “options.inc”:

```
c    Corrections to program code since Appendix B tables of 6th
c    R&O and reconsideration orders. Per_6th_order causes all
c    these mods to be bypassed. That is, mod1, mod2, mod3 and
c    mod4 are effectively false if per_6th_order is true.
c
c    These mods are appropriate and presumably produce more
c    accurate results. Nevertheless, the FCC is currently
c    (February, 1999) processing applications for new or
c    modified facilities with per_6th_order set true.
c
c    :
mod2 = .false.      !Set reasonable value for vertical
                    radiation factor near TX
```

The above comments in the FCC OET-69 code indicate that the FCC’s OET-69 software uses an elevation relative field value of 1.000 for calculations to all points within 1 kilometer of the transmitter site. This is 16.5 dB greater than if the correct relative field factor of 0.15 as taken from Table 8 of OET Bulletin No. 69 were employed.

The depression angle from the WGNO-DT and WNOL-DT antenna at the Hearst site will vary from 16° to 90° from points from 1 km to the base of the Hearst tower. The normal relative field factor within this entire range is 0.15 per FCC OET Bulletin No. 69.

Clearly the use of an elevation relative field factor of 1.000 to calculate undesired signal levels within 1 km of the undesired transmitter site is erroneous. And the OET-69 software code itself states that the elevation relative field factor “was erroneously set to unity” and that the mods, or code corrections, “appropriately and presumably produce more accurate results”.

The anomaly in the FCC code did not result in predicted interference to the WBNX-CA and WTNO-LP facilities from the WGNO/WNOL tower site because there is no population located within 1 km of the WGNO/WNOL tower site. This is illustrated in Figure 3, which shows the 1-km circles around both the WGNO/WNOL tower and the Hearst tower. There are a large number of 2000 Census blocks located within 1 km of the Hearst tower, which is the reason for there being cell points for calculation within 1 km of the Heart tower site.

It is also sadly noted that the area within 1 km of the Hearst tower site is now largely devoid of population. The Chalmette area where the Hearst tower is located was subject to severe flooding as a result of the events of Hurricane Katrina in August 2005. Therefore, even if the anomaly in the analysis procedure were considered, there is now very low population located within 1 km of the Hearst tower site. So the predicted interference to WBNX-CA and WTNO-LP, when calculated incorrectly in the anomalous manner would be essentially zero.

It is concluded, that when computed correctly, taking into consideration the proper elevation pattern relative field factor of 0.15, there is no predicted interference to

du Treil, Lundin & Rackley, Inc.

Consulting Engineers

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WBXN-CA or WTNO-LP from either the WGNO-DT or WNOL-DT transmitting facilities at the Hearst tower site.



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Sarasota, FL 34237

August 13, 2007

Figure 1

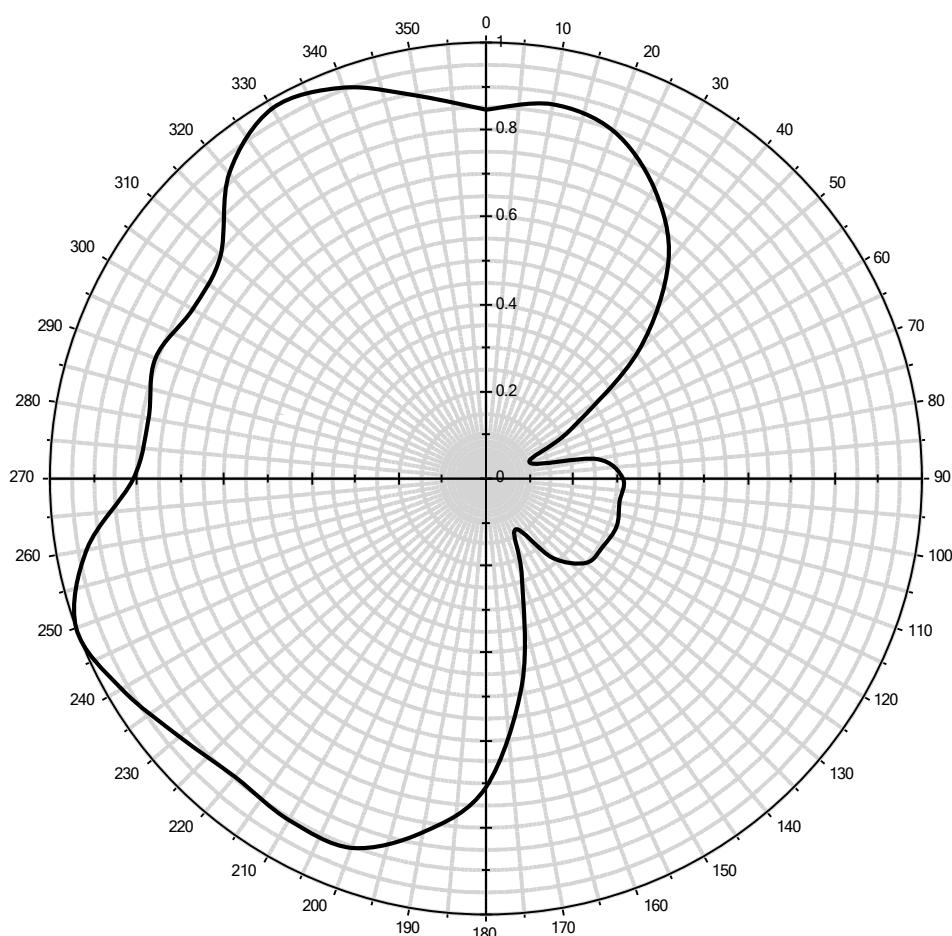


DA Inquiry

du Treil, Lundin, & Rackley, Inc., Sarasota, Florida

Antenna Pattern: Antenna ID: 150001

HEARST ANTENNA
CHANNEL 15
ERP = 775 KW
RCAMSL = 287 M
29-56-59 NL
89-57-28 WL



Note: display reflects rotation of 0.00°

Antenna Details:

0°	0.846	60°	0.222	120°	0.310	180°	0.708	240°	0.965	300°	0.777
10°	0.872	70°	0.107	130°	0.300	190°	0.823	250°	1.000	310°	0.795
20°	0.850	80°	0.259	140°	0.237	200°	0.901	260°	0.929	320°	0.915
30°	0.770	90°	0.314	150°	0.135	210°	0.904	270°	0.809	330°	0.980
40°	0.651	100°	0.311	160°	0.241	220°	0.894	280°	0.786	340°	0.954
50°	0.457	110°	0.319	170°	0.477	230°	0.919	290°	0.807	350°	0.891

Antenna Make: DIE

Standard Pattern:

Antenna Model: TUF-C4SP-10/40U-1-T

Last Change Date:

Figure 2

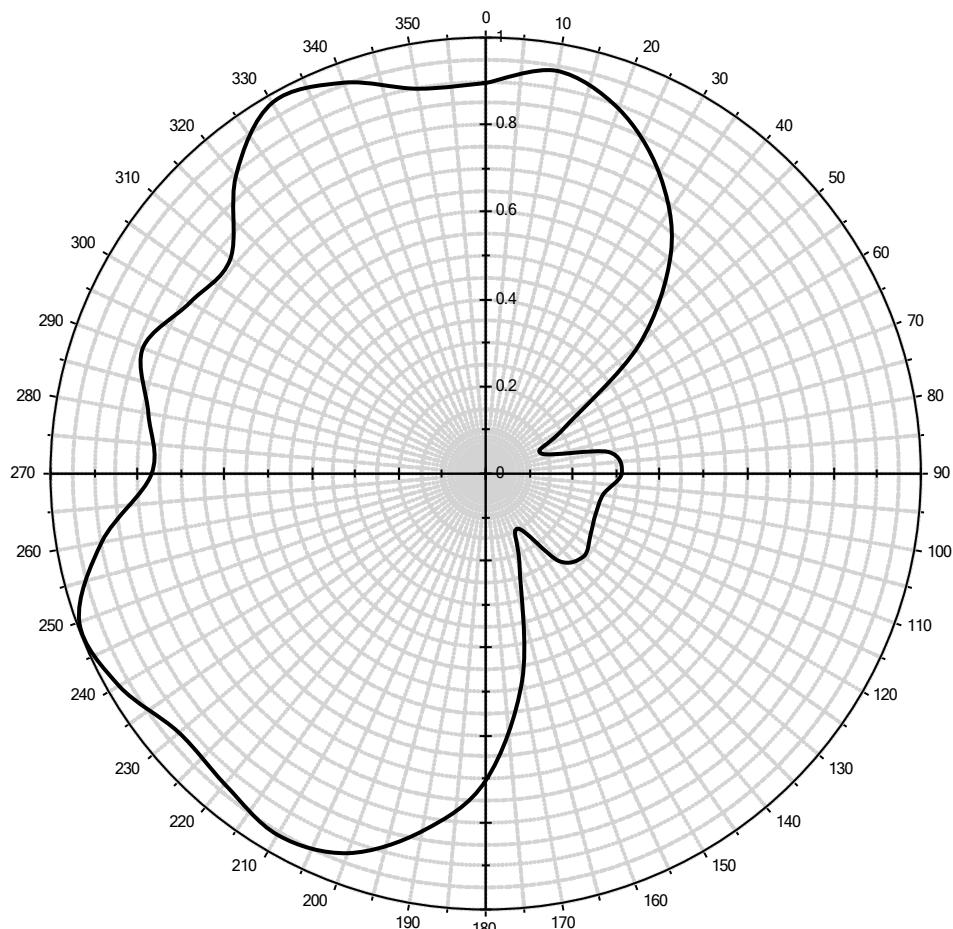


DA Inquiry

du Treil, Lundin, & Rackley, Inc., Sarasota, Florida

Antenna Pattern: Antenna ID: 260001

CHANNEL 26
ERP = 1000 KW
RCAMSL = 287 M
29-56-59 NL
89-57-28 WL



Note: display reflects rotation of 0.00°

Antenna Details:

0°	0.896	60°	0.206	120°	0.278	180°	0.704	240°	0.973	300°	0.785
10°	0.938	70°	0.136	130°	0.294	190°	0.832	250°	0.994	310°	0.766
20°	0.891	80°	0.286	140°	0.262	200°	0.926	260°	0.895	320°	0.893
30°	0.796	90°	0.312	150°	0.146	210°	0.957	270°	0.768	330°	0.982
40°	0.662	100°	0.274	160°	0.228	220°	0.931	280°	0.787	340°	0.954
50°	0.459	110°	0.269	170°	0.481	230°	0.922	290°	0.839	350°	0.896

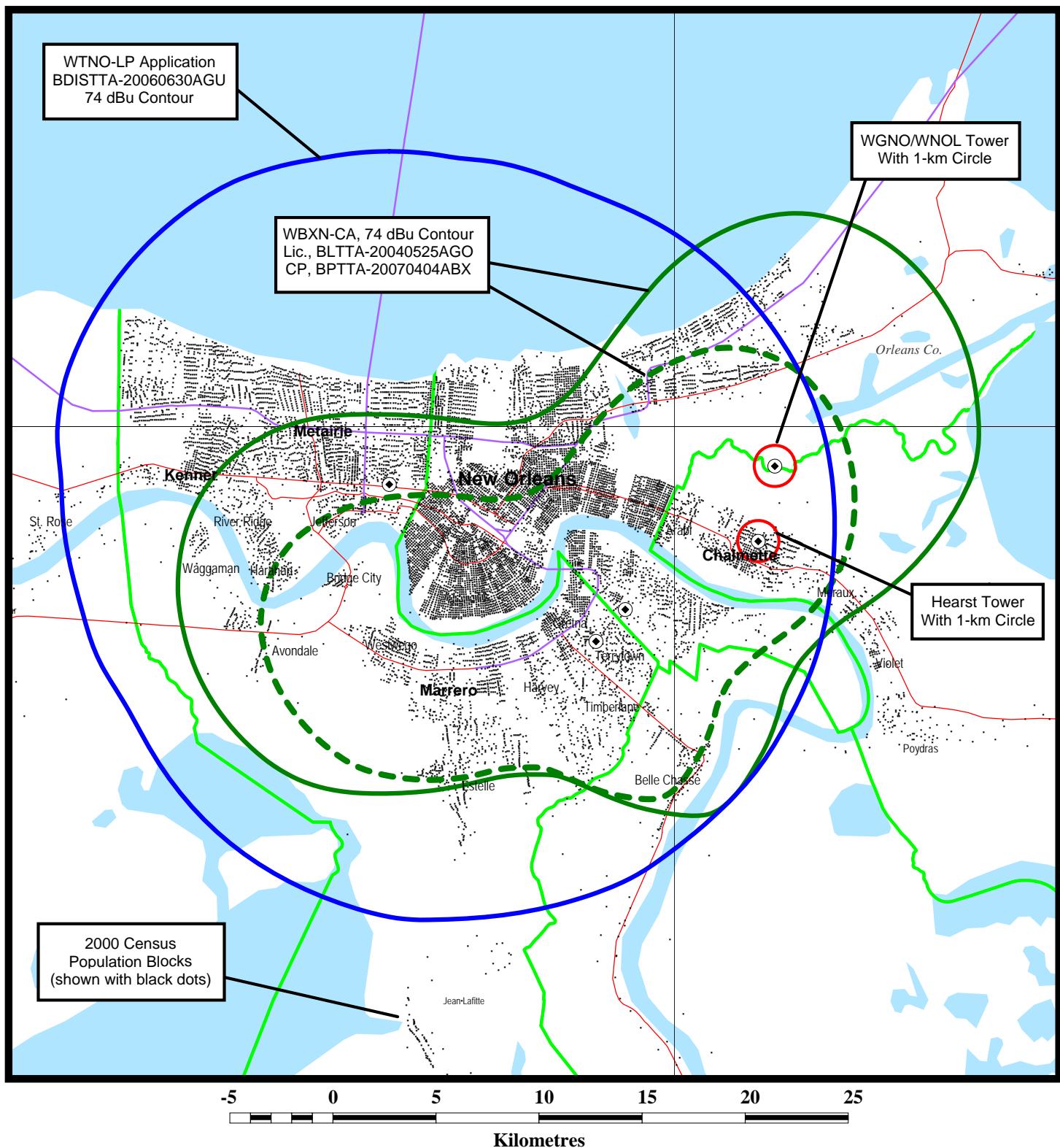
Antenna Make: DIE

Standard Pattern:

Antenna Model: TUF-C4SP-5450

Last Change Date:

Figure 3



PREDICTED SERVICE CONTOURS FOR WBXN-CA AND WTNO-LP WITH WGNO/WNOL AND HEARST TOWER SITES

duTreil, Lundin & Rackley, Inc. Sarasota, Florida